





Architects' Edition

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ARCHITECTURAL TERRA COTTA

· STANDARD ·
CONSTRUCTION

NATIONAL
TERRA COTTA SOCIETY.

METROPOLITAN
BUILDING

U · S · A

NEW YORK CITY
NEW YORK

1914

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MEMBERS OF THE NATIONAL TERRA COTTA SOCIETY

(EXECUTIVE OFFICES, METROPOLITAN BUILDING, NEW YORK CITY)

MAY 1914

N A M E S	OFFICES	CITY	STATE
American Terra Cotta & Ceramic Company	Peoples Gas Building	Chicago	Illinois
Brick, Terra Cotta & Tile Company		Corning	New York
Clark & Sons, N.	116 Natoma Street	San Francisco	California
Conkling Armstrong Terra Cotta Company	Nicetown	Philadelphia	Pennsylvania
Denny-Renton Clay & Coal Company	Hoge Building	Seattle	Washington
Denver Terra Cotta Company	W. First Ave. & Umatilla Street	Denver	Colorado
Federal Terra Cotta Company	111 Broadway	New York	New York
Gladding McBean & Company	Crocker Building	San Francisco	California
Indianapolis Terra Cotta Company		Indianapolis	Indiana
Kansas City Terra Cotta & Faience Company	19th Street & Manchester Avenue	Kansas City	Missouri
Ketcham, O. W.	Builders Exchange	Philadelphia	Pennsylvania
Maryland Terra Cotta Company	North Avenue & Oak Street	Baltimore	Maryland
Midland Terra Cotta Company	Chamber of Commerce	Chicago	Illinois
New Jersey Terra Cotta Company	Singer Building	New York	New York
New York Architectural Terra Cotta Company	401 Vernon Ave., Boro. of Queens	New York	New York
Northern Clay Company		Auburn	Washington
Northwestern Terra Cotta Company	2525 Clybourn Avenue	Chicago	Illinois
St. Louis Terra Cotta Company	5815 Manchester Avenue	St. Louis	Missouri
South Amboy Terra Cotta Company	150 Nassau Street	New York	New York
Steiger Terra Cotta & Pottery Works	Mills Building	San Francisco	California
Washington Brick, Lime & Sewer Pipe Company	Washington St. & Pacific Ave.	Spokane	Washington
Western Terra Cotta Company	Franklin Ave. & Mo. Pac. Ry.	Kansas City	Kansas
Winkle Terra Cotta Company	Century Building	St. Louis	Missouri

Foreword

THE use of burned clay ware in the form of brick, tile or pottery has been uninterrupted and universal from the dawn of civilization to the present day. The use of burned clay in the form of Architectural Terra Cotta has been more sporadic and local. Its unequalled merits as a building material were fully appreciated by the Greeks and Tuscans who, two thousand years ago, used it to face the perishable stone in some of their Temples. Centuries passed, during which the art of making Architectural Terra Cotta seems to have been confined to short periods and to a few localities. In modern times the creator of the skyscraper—the progressive American Architect—working with the responsive and enterprising Manufacturer, re-discovered, improved and gave to an appreciative Public this most durable and versatile of all building materials.

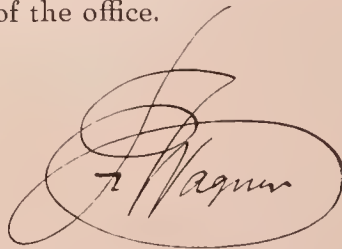
Today it is a matter of common knowledge among Architects that modern Terra Cotta possesses many superior qualities; that it may be economically made in an endless variety of forms and colors; that, if well made, properly set and carefully pointed, it is permanently enduring and resists successfully the ravages of water and fire; that it combines lightness with strength and beauty with usefulness.

The purpose of this book, prepared through the co-operation of nearly all the manufacturers of Architectural Terra Cotta in the United States, is to facilitate the use of this material; to save time, trouble and expense to all concerned by disseminating accurate and dependable information on proper methods of jointing and construction. Nearly all of these methods have been in practical use for some years.

This work is in no sense intended to be a book of artistic aspirations. It does not presume to even suggest architectural design; it merely contains generally accepted architectural forms of assumed dimensions and their proper interpretation in Architectural Terra Cotta. For a number of the problems several good solutions are possible and the preference is sometimes governed by very slight modifications of profiles and dimensions. But attention is called particularly to the fact that considerable variations in sizes of similar sections may necessitate changes in both jointing and construction. Hence, none of the plates may exactly apply if the scale is reduced or increased.

The characteristics peculiar to Architectural Terra Cotta and the extreme difficulties encountered in the vagaries of clay before it is finally conquered and forever fixed by fire, can hardly be understood by those who have not been engaged in its manufacture. Therefore, harmonious co-operation between designers and manufacturers is imperative in order to produce the best results. Unfavorable shapes or dimensions, or arbitrary arrangement of engaging or supporting materials, may not only increase the cost of production and of erection, but may also produce unsatisfactory results, both aesthetically and constructively. But where the important rules of jointing and construction are observed, well made Architectural Terra Cotta is the ideal building material of the Twentieth Century.

This book is respectfully dedicated to our best friends—the Architects and the Architectural Engineers and their Assistants—with the sincere hope that they will endorse its value and express their appreciation of our efforts by receiving, treating and consulting it as a trustworthy friend of the office.



Chicago, July, 1914

President, National Terra Cotta Society

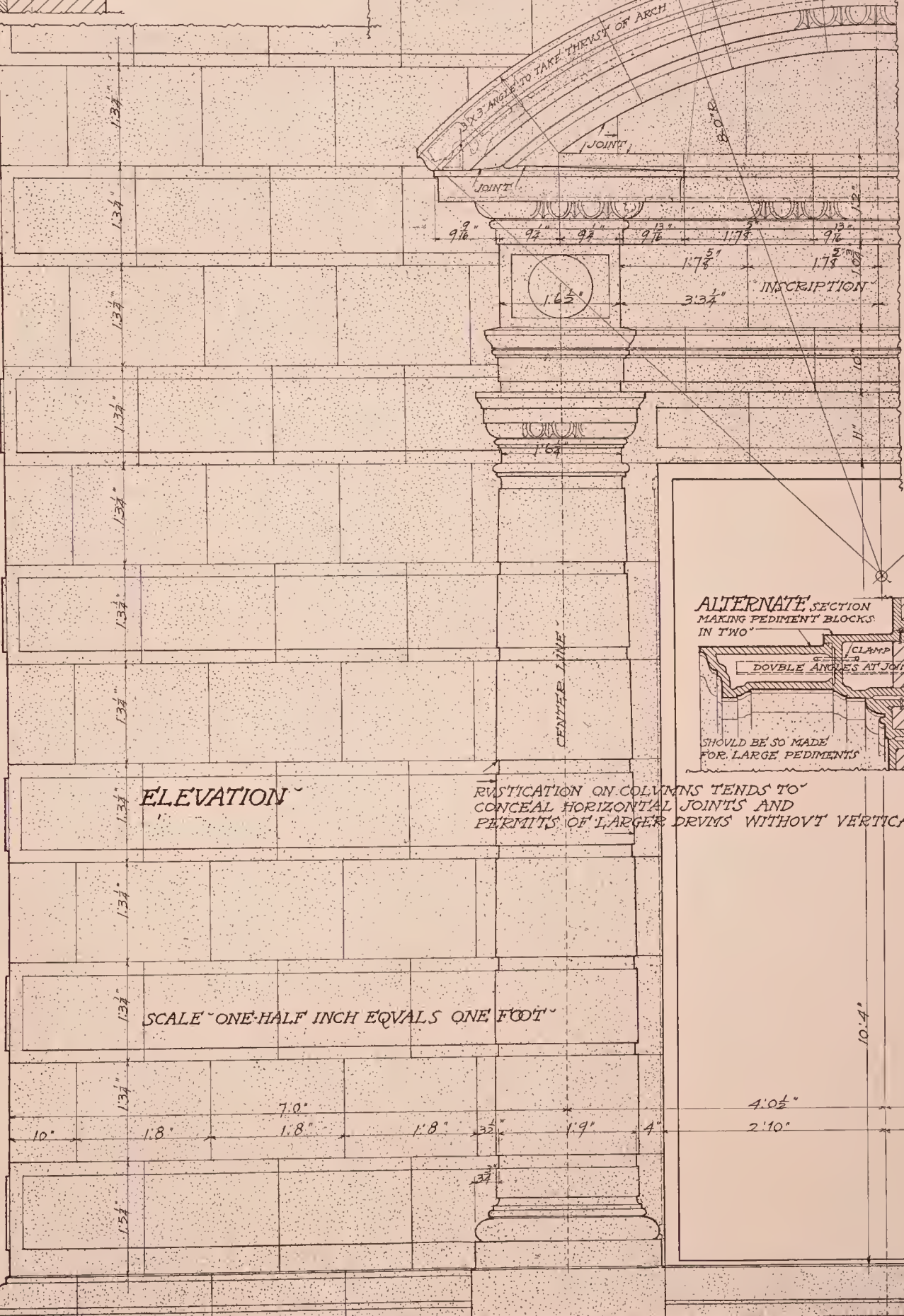
ARCHITECTURAL TERRA COTTA · · · STANDARD CONSTRUCTION

ENTRANCE
WITH ENGAGED COLUMNS
WITH SEMI-CIRCULAR PEDIMENT
WITH RUSTICATED ASHLAR

ENGAGED COLUMNS SHOULD BE JOINTED AT WALL
AT POINT OF ENGAGEMENT TO PREVENT UNEQUAL
SHRINKAGE AND TO ALLOW ADJUSTMENT IN ALIGNMENT

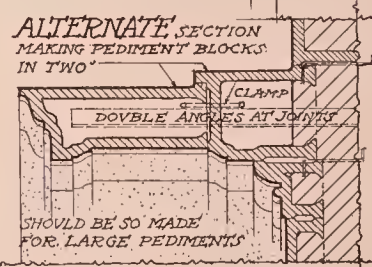
ALTERNATE CORNER BLOCKS

PLAN
THRO' NECK OF COLUMNS
LOOKING UP



ELEVATION

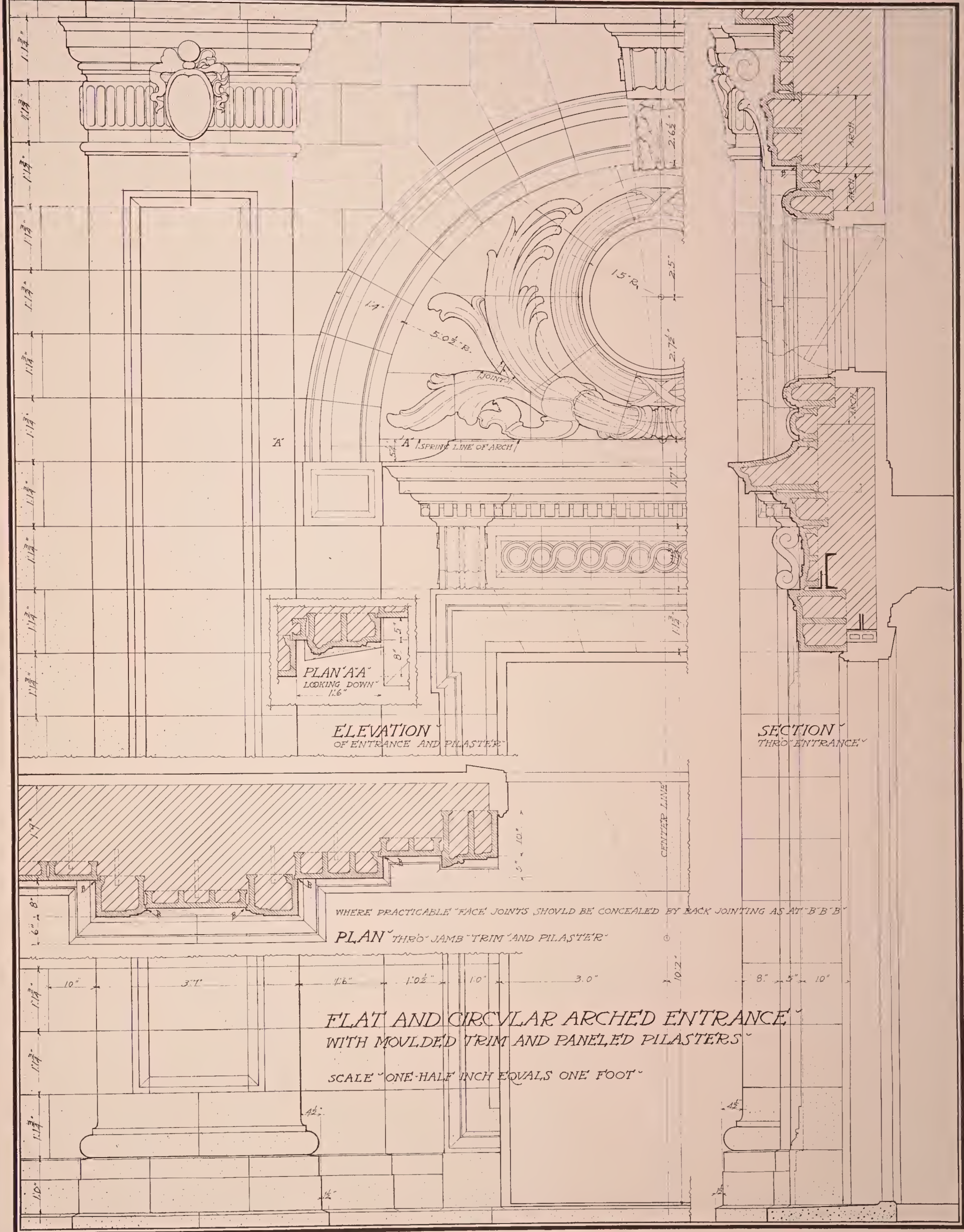
SCALE ONE-HALF INCH EQUALS ONE FOOT

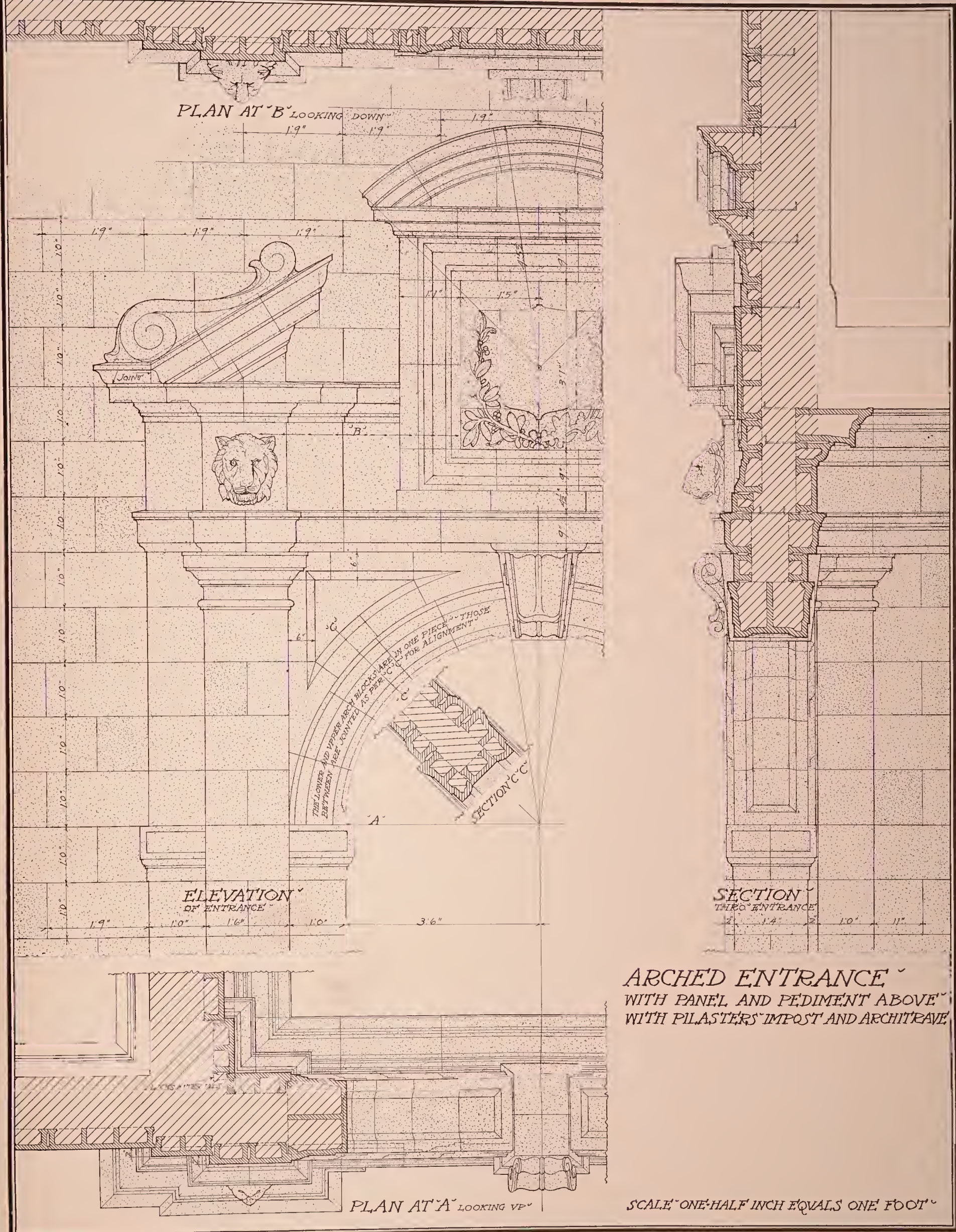


SECTION
ON CENTER LINE

JAMB JOINTED VERTICALLY
TO ALLOW ADJUSTMENT
IN ALIGNMENT IN SETTING
SEE PLAN

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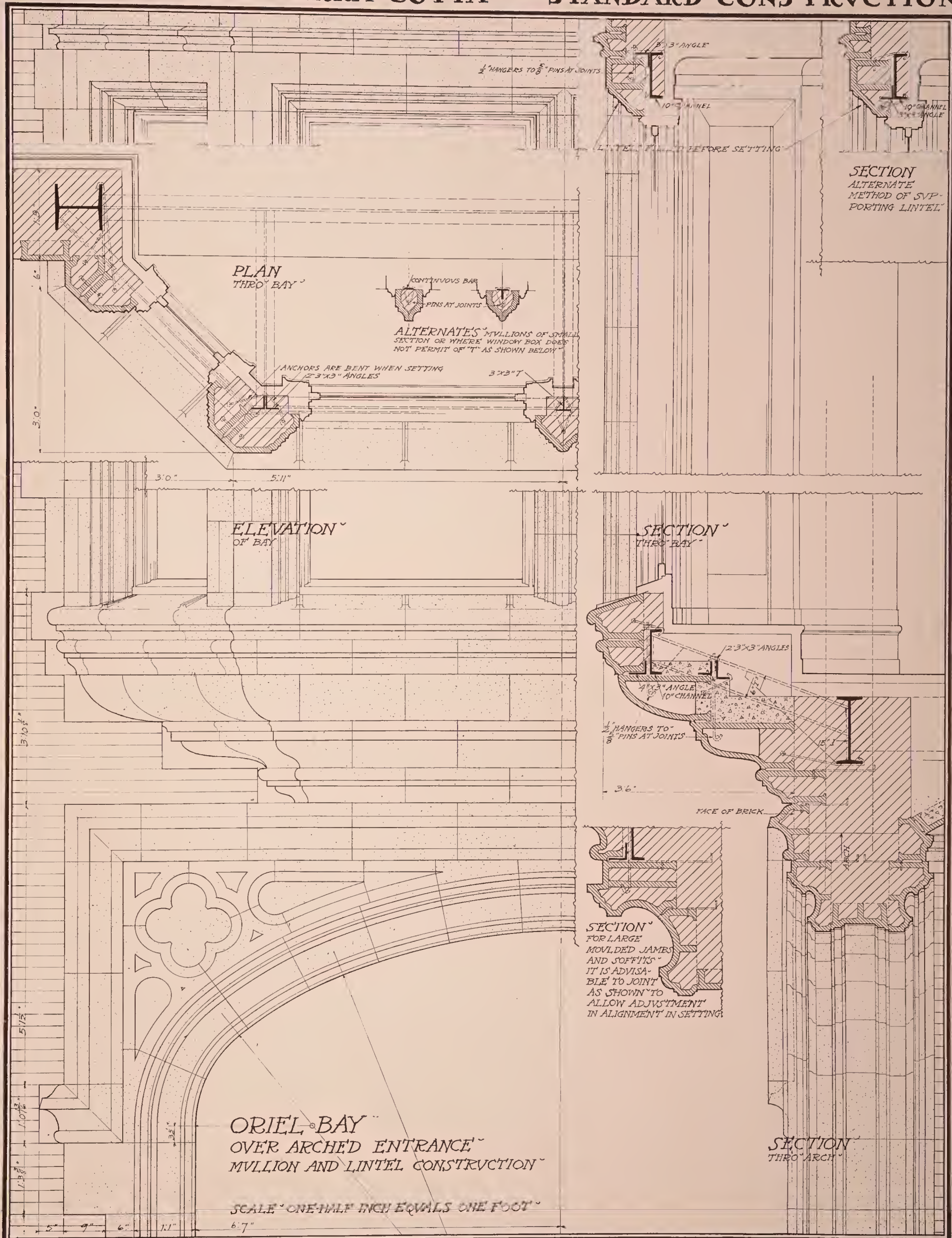




ARCHED ENTRANCE
WITH PANEL AND PEDIMENT ABOVE
WITH PILASTERS IMPOST AND ARCHITRAVE

SCALE ONE-HALF INCH EQUALS ONE FOOT

ARCHITECTURAL TERRA COTTA · · · STANDARD CONSTRUCTION



ORIEL BAY
OVER ARCHED ENTRANCE
WITH NICHE'S AND CANOPIES

SCALE "THREE-QUARTERS OF AN INCH"
EQUALS ONE FOOT

ELEVATION
OF ENTRANCE
AND BAY

SECTION
THRO' CANOPY

SECTION
THRO' ENTRANCE
AND BAY

PLAN C
THRO' JAMB

PLAN B
THRO' JAMB

PLAN A
THRO' JAMB

VERTICAL JOINTING "PARTLY
CONCEALED AS SHOWN"
IS NECESSARY "TO SECURE
ALIGNMENT IN SETTING
THE MANY FINELY MOULDED
MEMBERS"

This architectural drawing provides a comprehensive set of views for an oriel bay over an arched entrance. The elevation view on the left shows the bay's facade with a central window, a decorative canopy, and a large arch. Dimensions include a total width of 11 feet and a height of 11 feet 4 inches. The section view on the right shows the bay's profile, including the arch and the bay's depth. The plan view at the bottom shows the bay's footprint, including the arch and the bay's width. The drawing includes numerous dimensions in feet and inches, such as 11 feet, 11 feet 4 inches, 10 feet, 9 feet, 8 feet, 7 feet, 6 feet, 5 feet, 4 feet, 3 feet, 2 feet, 1 foot, 1/2 foot, 1/4 foot, 1/8 foot, 1/16 foot, 1/32 foot, 1/64 foot, 1/128 foot, 1/256 foot, 1/512 foot, 1/1024 foot, 1/2048 foot, 1/4096 foot, 1/8192 foot, 1/16384 foot, 1/32768 foot, 1/65536 foot, 1/131072 foot, 1/262144 foot, 1/524288 foot, 1/1048576 foot, 1/2097152 foot, 1/4194304 foot, 1/8388608 foot, 1/16777216 foot, 1/33554432 foot, 1/67108864 foot, 1/134217728 foot, 1/268435456 foot, 1/536870912 foot, 1/1073741824 foot, 1/2147483648 foot, 1/4294967296 foot, 1/8589934592 foot, 1/17179869184 foot, 1/34359738368 foot, 1/68719476736 foot, 1/137438953472 foot, 1/274877906944 foot, 1/549755813888 foot, 1/1099511627776 foot, 1/2199023255552 foot, 1/4398046511104 foot, 1/8796093022208 foot, 1/17592186044416 foot, 1/35184372088832 foot, 1/70368744177664 foot, 1/140737488355328 foot, 1/281474976710656 foot, 1/562949953421312 foot, 1/1125899906842624 foot, 1/2251799813685248 foot, 1/4503599627370496 foot, 1/9007199254740992 foot, 1/18014398509481984 foot, 1/36028797018963968 foot, 1/72057594037927936 foot, 1/144115188075855872 foot, 1/288230376151711744 foot, 1/576460752303423488 foot, 1/1152921504606846976 foot, 1/2305843009213693952 foot, 1/4611686018427387904 foot, 1/9223372036854775808 foot, 1/18446744073709551616 foot, 1/36893488147419103232 foot, 1/73786976294838206464 foot, 1/147573952589676412928 foot, 1/295147905179352825856 foot, 1/590295810358705651712 foot, 1/1180591620717411303424 foot, 1/2361183241434822606848 foot, 1/4722366482869645213696 foot, 1/9444732965739290427392 foot, 1/18889465931478580854784 foot, 1/37778931862957161709568 foot, 1/75557863725914323419136 foot, 1/151115727451828646838272 foot, 1/302231454903657293676544 foot, 1/604462909807314587353088 foot, 1/1208925819614629174706176 foot, 1/2417851639229258349412352 foot, 1/4835703278458516698824704 foot, 1/9671406556917033397649408 foot, 1/19342813113834066795298816 foot, 1/38685626227668133590597632 foot, 1/77371252455336267181195264 foot, 1/154742504910672534362390528 foot, 1/309485009821345068724781056 foot, 1/618970019642690137449562112 foot, 1/1237940039285380274899124224 foot, 1/2475880078570760549798248448 foot, 1/4951760157141521099596496896 foot, 1/9903520314283042199192993792 foot, 1/19807040628566084398385987584 foot, 1/39614081257132168796771975168 foot, 1/79228162514264337593543950336 foot, 1/158456325028528675187087900672 foot, 1/316912650057057350374175801344 foot, 1/633825300114114700748351602688 foot, 1/1267650600228229401496703205376 foot, 1/2535301200456458802993406410752 foot, 1/5070602400912917605986812821504 foot, 1/10141204801825835211973625643008 foot, 1/20282409603651670423947251286016 foot, 1/40564819207303340847894502572032 foot, 1/81129638414606681695789005144064 foot, 1/162259276829213363391578010288128 foot, 1/324518553658426726783156020576256 foot, 1/649037107316853453566312041152512 foot, 1/1298074214633706907132624082305024 foot, 1/2596148429267413814265248164610048 foot, 1/5192296858534827628530496329220096 foot, 1/10384593717069655257060992658440192 foot, 1/20769187434139310514121985316880384 foot, 1/41538374868278621028243970633760768 foot, 1/83076749736557242056487941267521536 foot, 1/166153499473114484112975882535043072 foot, 1/332306998946228968225951765070086144 foot, 1/664613997892457936451903530140172288 foot, 1/1329227995784915872903807060280344576 foot, 1/2658455991569831745807614120560689152 foot, 1/5316911983139663491615228241121378304 foot, 1/10633823966279326983230456482242756608 foot, 1/21267647932558653966460912964485513216 foot, 1/42535295865117307932921825928971026432 foot, 1/85070591730234615865843651857942052864 foot, 1/170141183460469231731687303715884105728 foot, 1/340282366920938463463374607431768211456 foot, 1/680564733841876926926749214863536422912 foot, 1/1361129467683753853853498429727072845824 foot, 1/2722258935367507707706996859454145691648 foot, 1/5444517870735015415413993718908291383296 foot, 1/10889035741470030830827987437816582766592 foot, 1/21778071482940061661655974875633165533184 foot, 1/43556142965880123323311949751266331066368 foot, 1/87112285931760246646623899502532662132736 foot, 1/174224571863520493293247799005065324265472 foot, 1/348449143727040986586495598010130648530944 foot, 1/69689828

1'8" 1'8" 1'8" 10" 1'8" 1'8" 1'8" 1'8"

BRICK ARCH

SOFFIT CAMBERED 8 IN 12

SOFFIT HUNG TO ANGLES FROM PINS - SEE SECTION

RUSTICATED SURFACES NOT ONLY GIVE THE EFFECT OF STRENGTH BUT ALSO TEND TO CONCEAL HORIZONTAL JOINTS

THE MANY DIFFERENT SURFACE DECORATIONS THAT MAY BE EMPLOYED IN RUSTICATION CAN BE MADE IN TERRA COTTA AT SLIGHT ADDITIONAL EXPENSE

REPETITION OF IDENTICAL PIECES INSURES THE MAXIMUM ECONOMY IN MANUFACTURE

PANEL IN JAMB JOINED VERTICALLY TO ALLOW ADJUSTMENT IN ALIGNMENT IN SETTING

SECTION THRO' OPENING "B"

ELEVATION OF OPENING "A"

1'6" 5 1/2" 4"

10" 1 1/2" 7 1/2"

3.3" 11.8" 3.3" 7 1/2" 1 1/2" 10"

SCALE "ONE HALF" INCH EQUALS ONE FOOT"

ALTERNATE SECTION THRO' SOFFIT OMITTING SUPPORTING IRON WHEN ALL PIECES ARE VOUSSEIRED

ELEVATION OF OPENING "B"

1'6" 5 1/2" 4"

10" 1 1/2" 7 1/2"

3.3" 11.8" 3.3" 7 1/2" 1 1/2" 10"

PLAN THRO' JAMB OF OPENING "A"

PLAN THRO' JAMB OF OPENING "B"

FLAT ARCHED DOOR OPENINGS WITH PANELED JAMBS AND SOFFIT WITH RUSTICATED ASHLAR

BRICK ARCH

RUSTICATED SURFACES NOT ONLY GIVE THE EFFECT OF STRENGTH BUT ALSO TEND TO CONCEAL HORIZONTAL JOINTS

THE MANY DIFFERENT SURFACE DECORATIONS THAT MAY BE EMPLOYED IN RUSTICATION CAN BE MADE IN TERRA COTTA AT SLIGHT ADDITIONAL EXPENSE

REPETITION OF IDENTICAL PIECES INSURES THE MAXIMUM ECONOMY IN MANUFACTURE

ELEVATION OPENING A

ELEVATION OPENING B

SECTION OPENING B

PLAN THRO' JAMB OF OPENING A

PLAN THRO' JAMB OF OPENING B

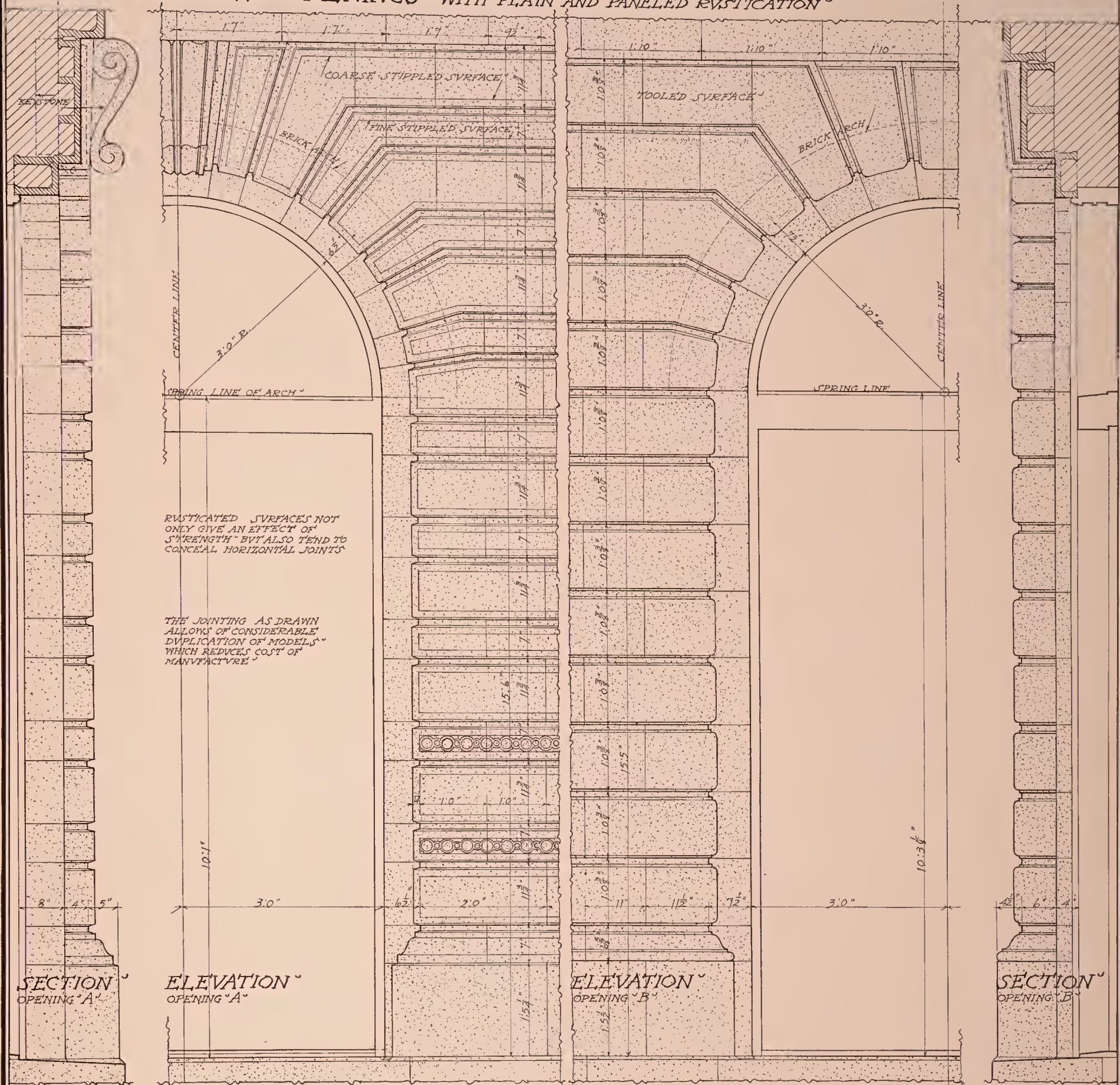
SCALE ONE-HALF INCH EQUALS ONE FOOT

JOINT IN TRIM TENDS TO PREVENT UNEQUAL SHRINKAGE AND ALLOWS ADJUSTMENT IN ALIGNMENT

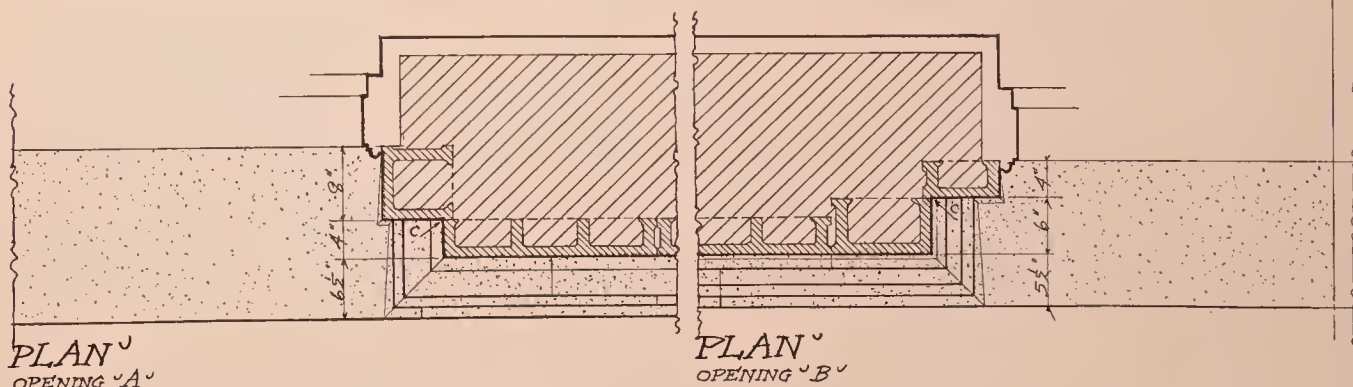
SEGMENT ARCHED DOOR OPENINGS WITH MOULDED JAMBS AND SOFFITS WITH RUSTICATED SURFACE HAVING HORIZONTAL AND VERTICAL JOINTS

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ARCHED OPENINGS WITH PLAIN AND paneled RUSTICATION



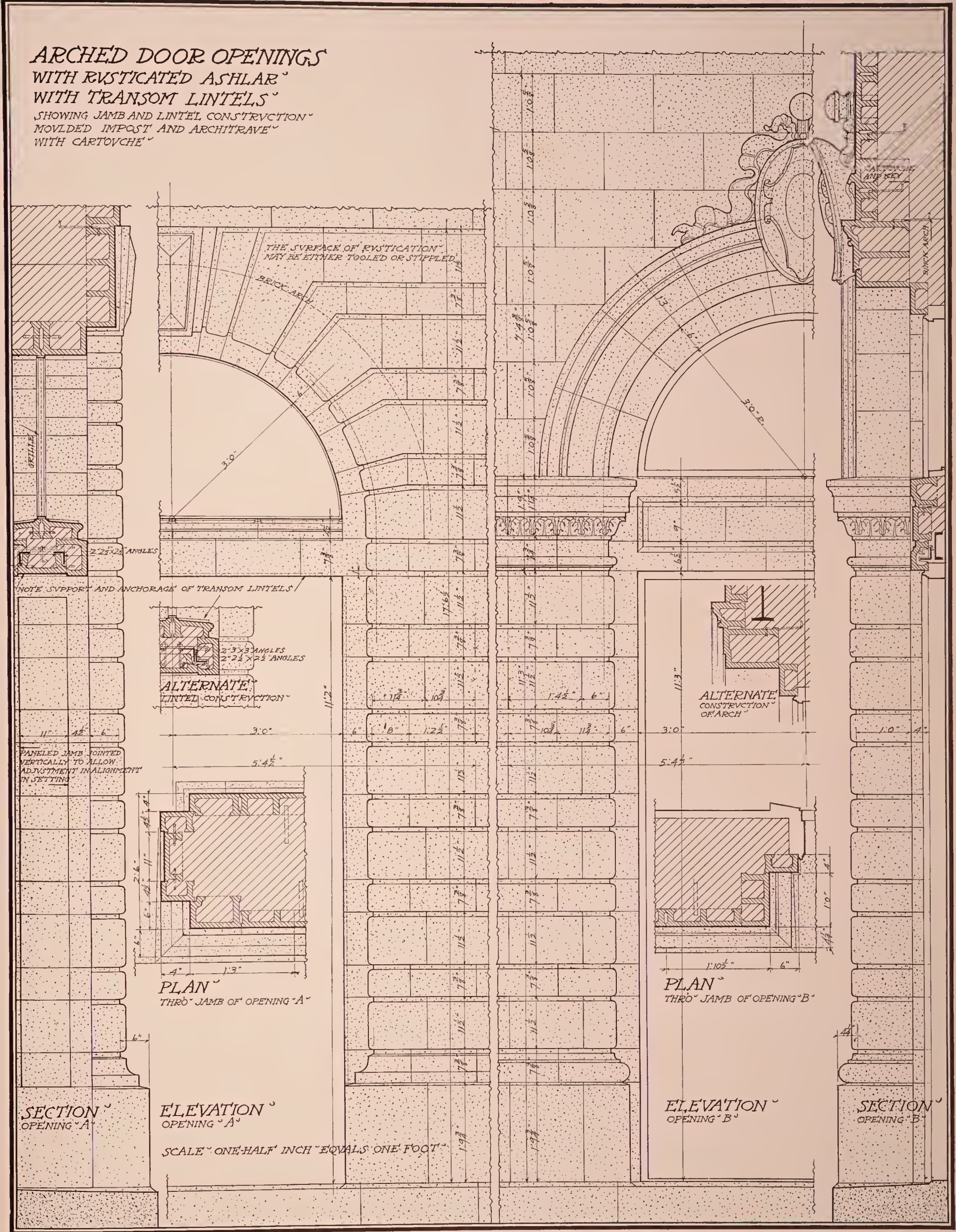
SCALE ONE-HALF INCH EQUALS ONE FOOT



NOTE THAT FACE JOINTS ARE BACKCHECKED AT C C C

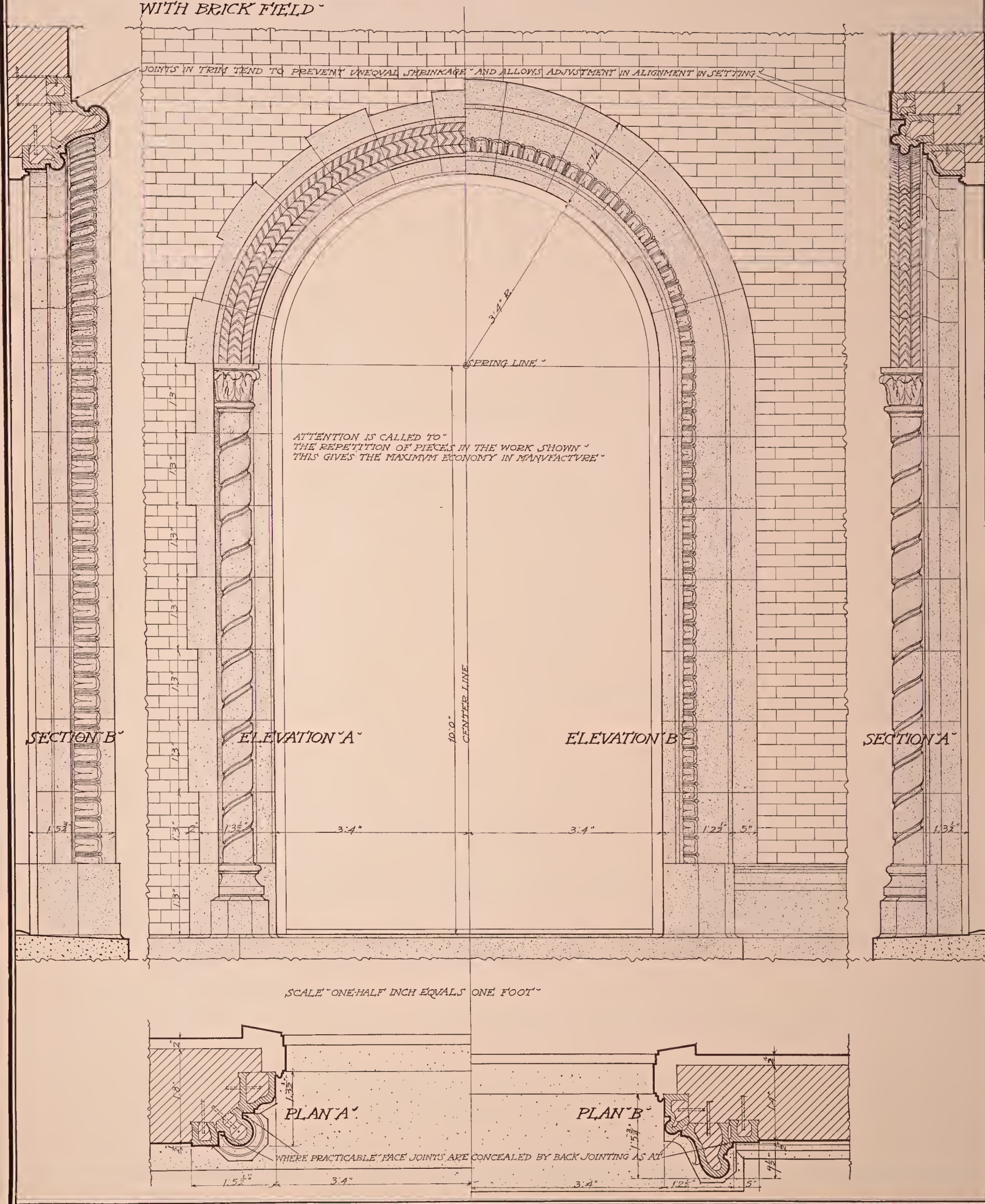
ARCHED DOOR OPENINGS
WITH RUSTICATED ASHLAR
WITH TRANSOM LINTELS

SHOWING JAMB AND LINTEL CONSTRUCTION
MOLDED IMPOST AND ARCHITRAVE
WITH CARTOUCHE



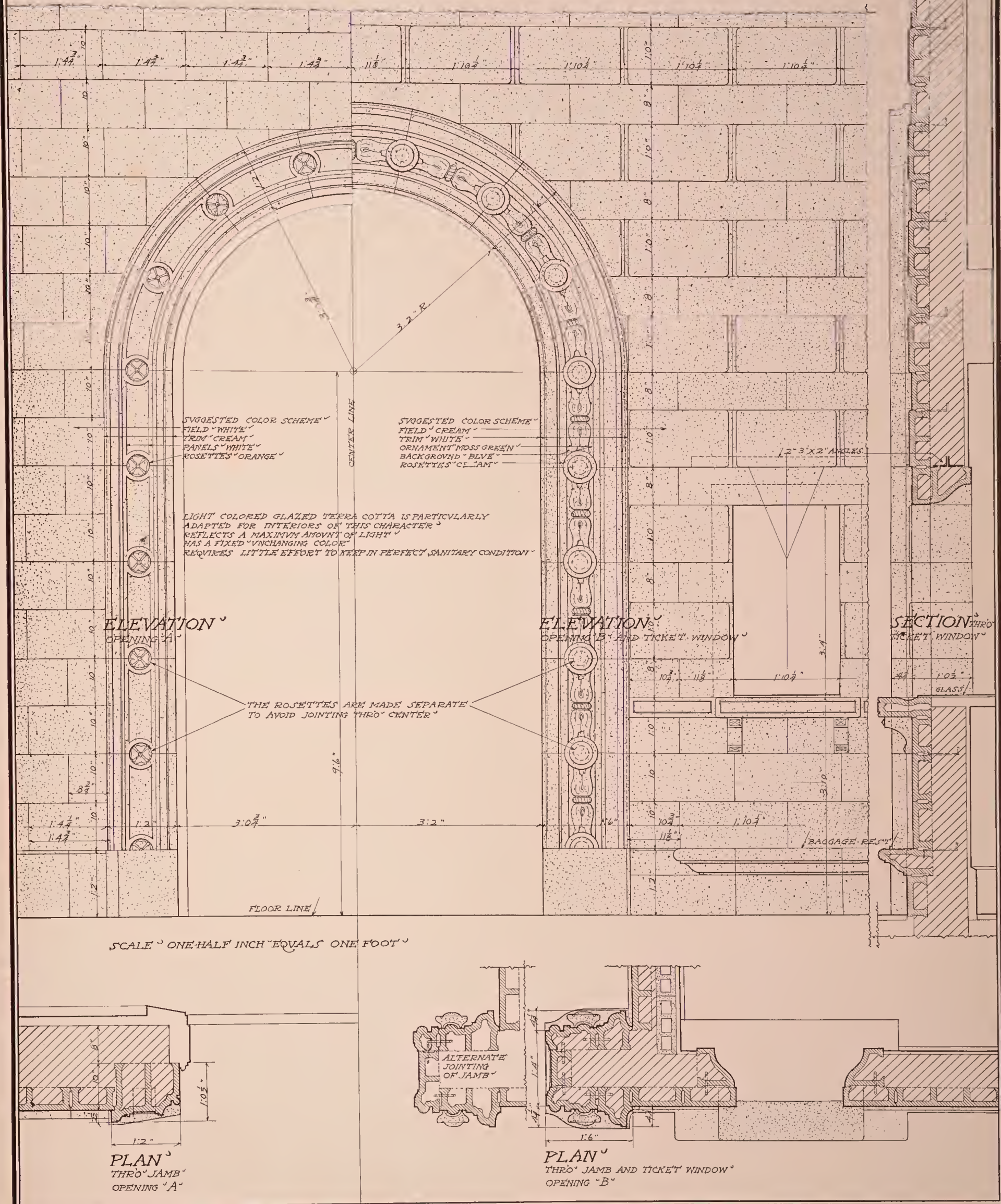
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ARCHED OPENINGS · WITH MOULDED AND ORNAMENTED TRIM · WITH BRICK FIELD ·



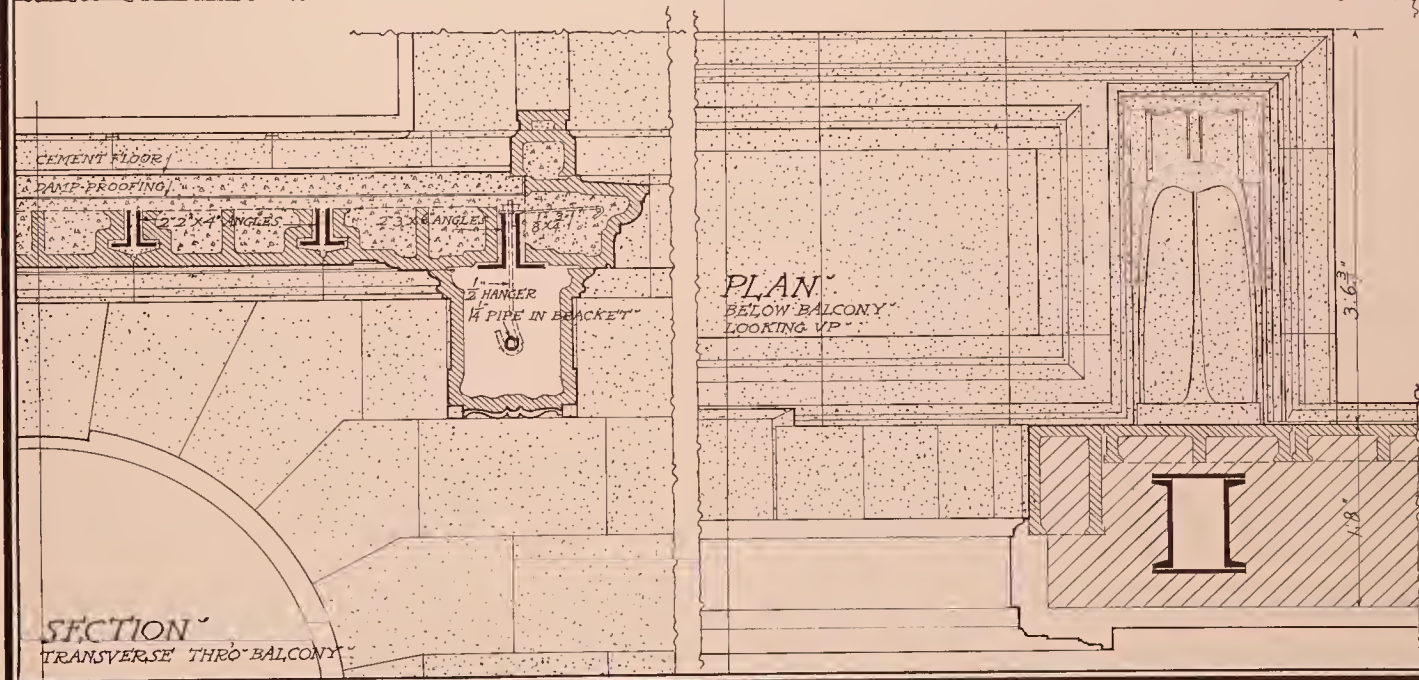
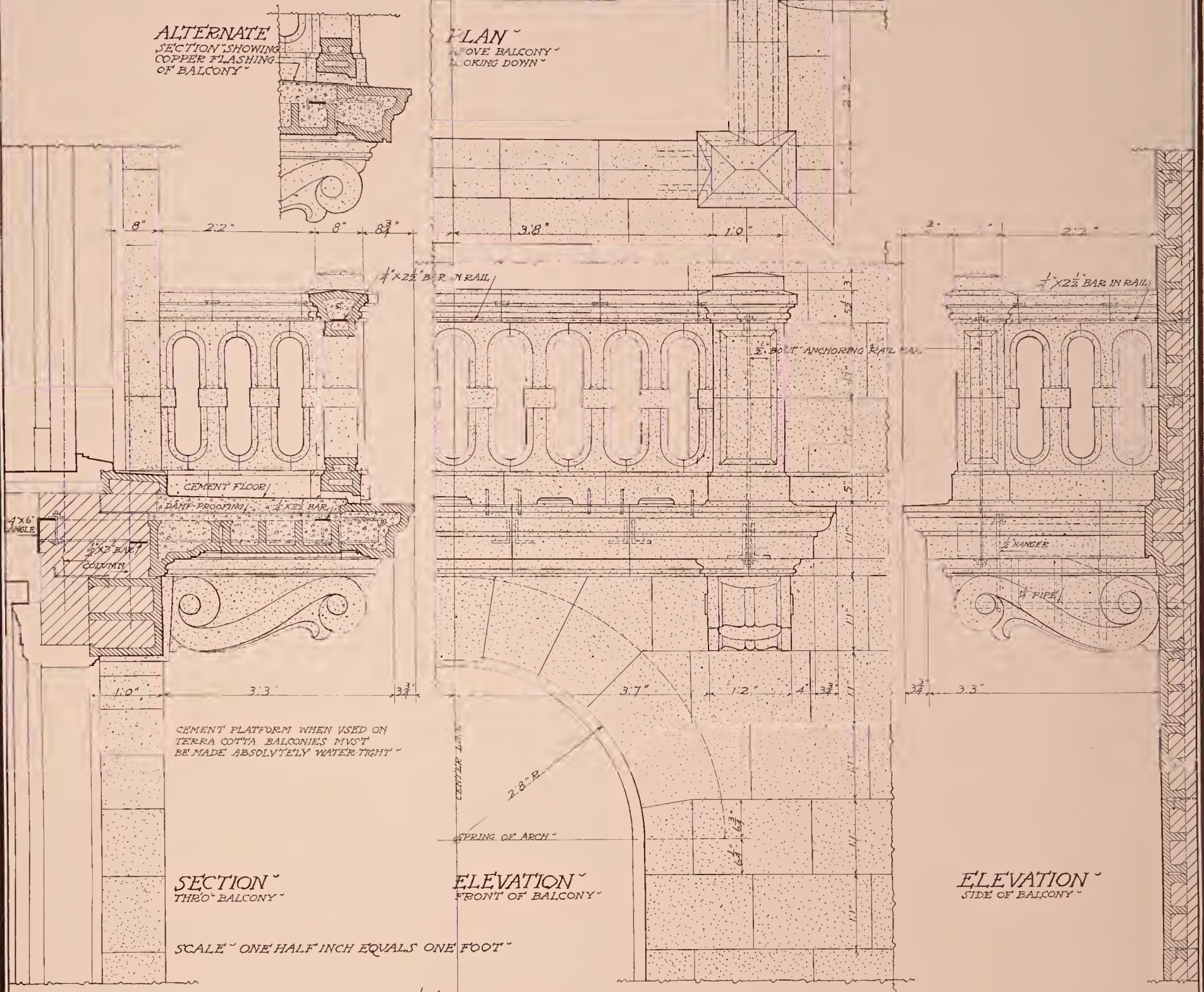
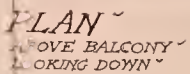
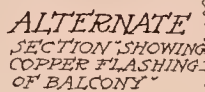
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ARCHED OPENINGS AND 'TICKET' WINDOW
WITH MOVLDED AND ORNAMENTED TRIM



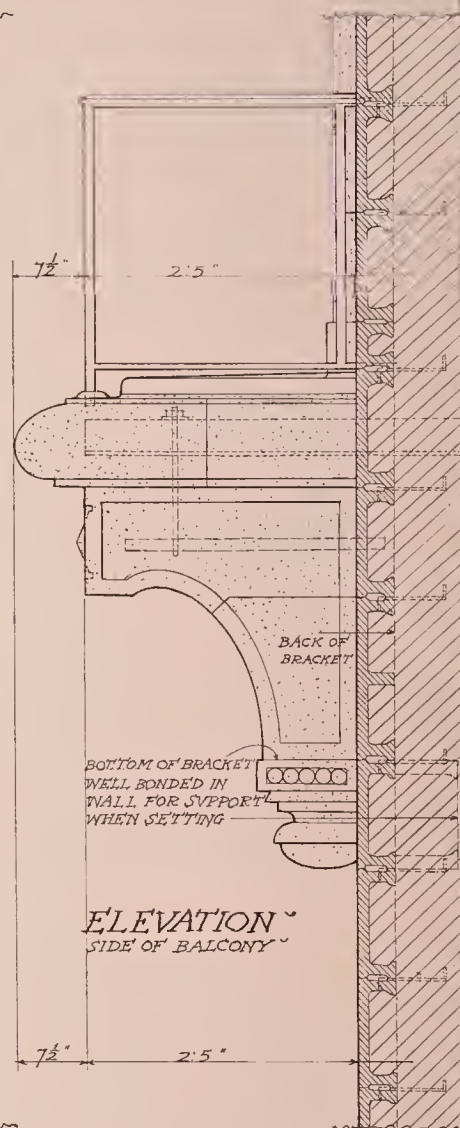
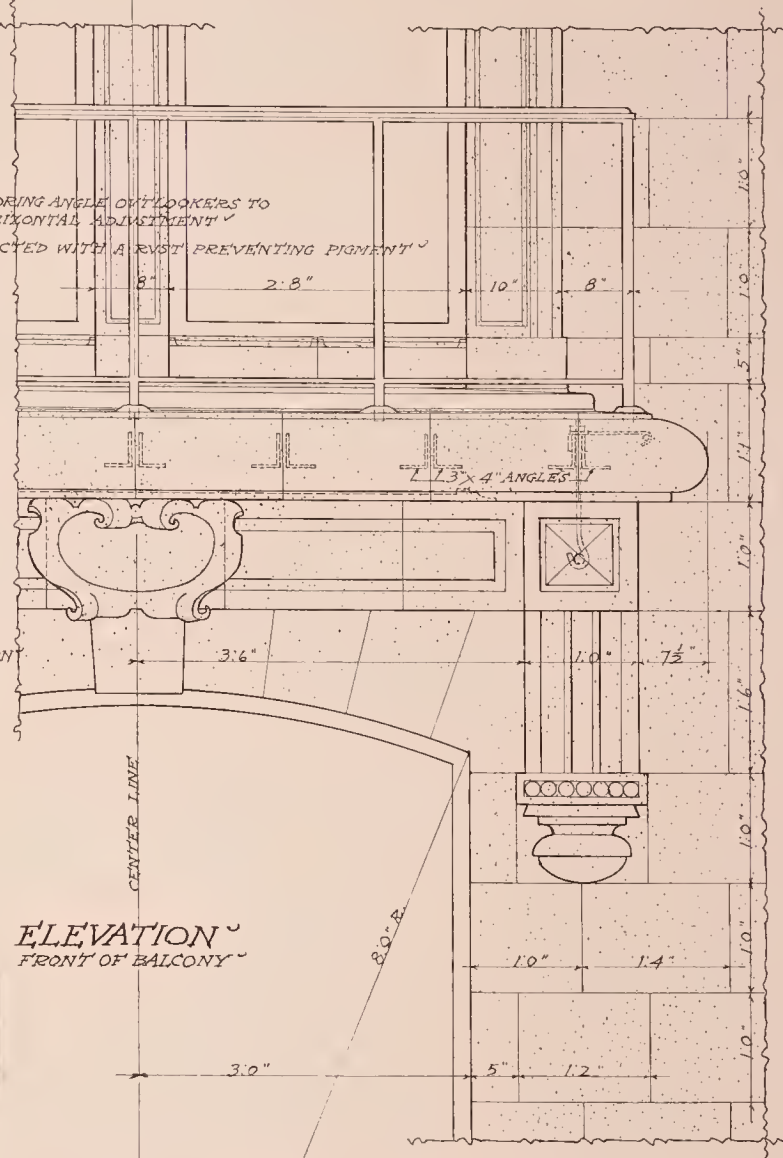
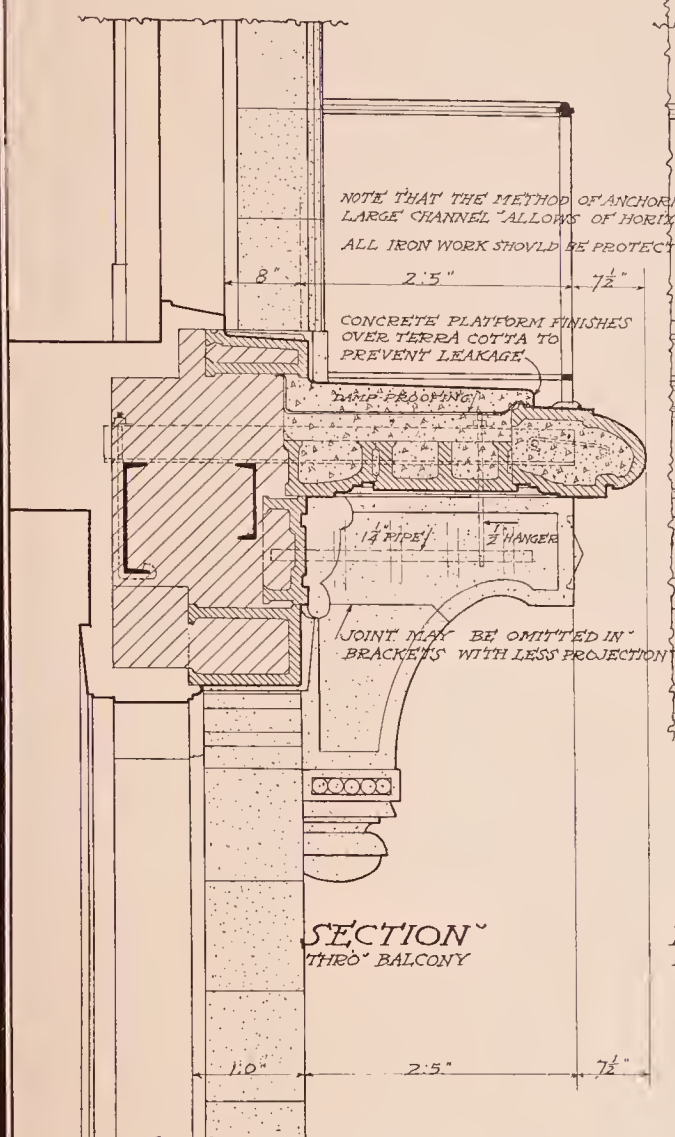
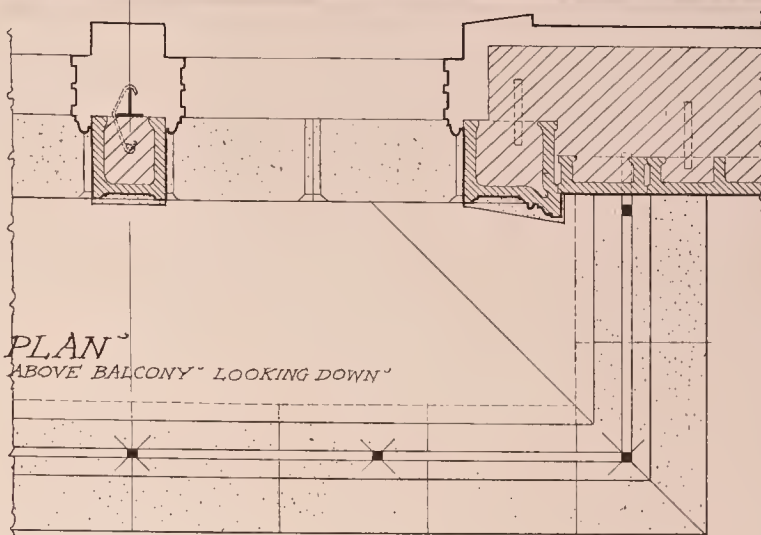
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*BALCONY CONSTRUCTION ~
WITH CONCRETE PLATFORM ~
WITH ARCHED OPENING BELOW ~AND
WINDOW ABOVE ~*

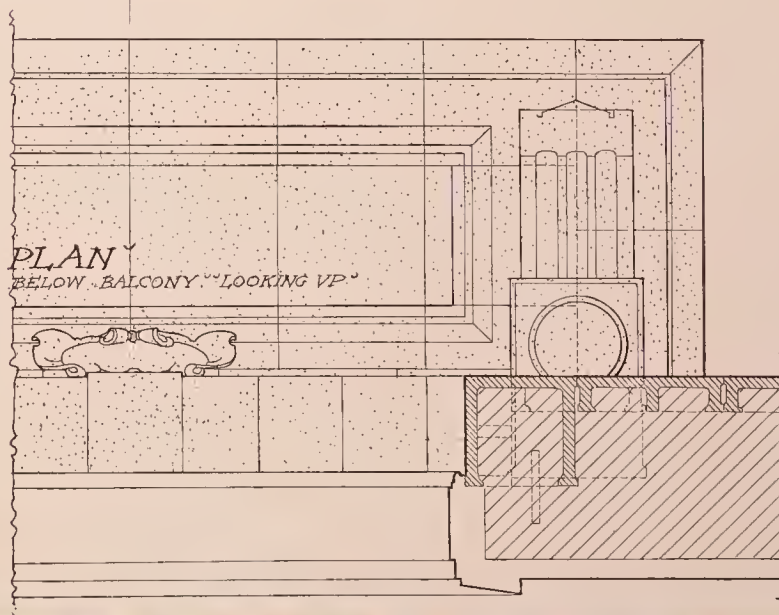


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BALCONY CONSTRUCTION ~
WITH CONCRETE PLATFORM ~
WITH SEGMENT ARCH UNDER ~
AND WINDOWS ABOVE ~



SCALE ~ ONE-HALF INCH ~ EQUALS ONE FOOT ~



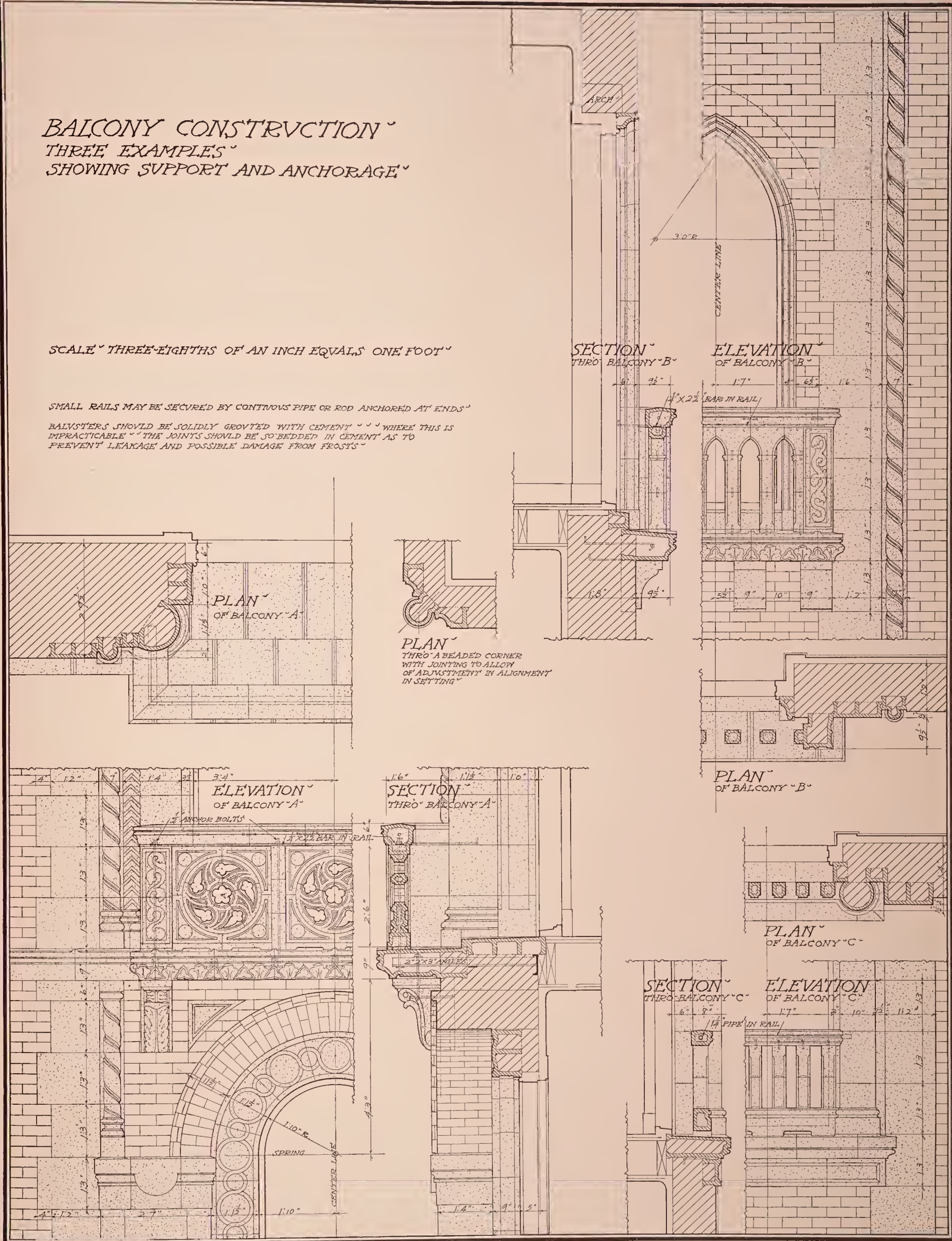
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BALCONY CONSTRUCTION ~
THREE EXAMPLES ~
SHOWING SUPPORT AND ANCHORAGE ~

SCALE THREE EIGHTHS OF AN INCH EQUALS ONE FOOT

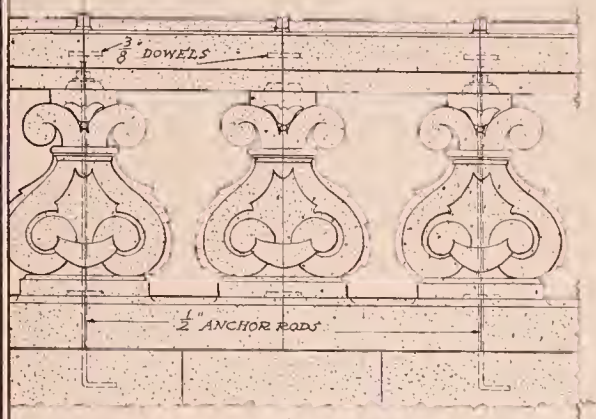
SMALL RAILS MAY BE SECURED BY CONTINUOUS PIPE OR ROD ANCHORED AT ENDS

BALUSTERS SHOULD BE SOLIDLY GROUDED WITH CEMENT ~ ~ ~ WHERE THIS IS IMPRACTICABLE ~ ~ ~ THE JOINTS SHOULD BE SO BEDDED IN CEMENT AS TO PREVENT LEAKAGE AND POSSIBLE DAMAGE FROM FROSTS ~

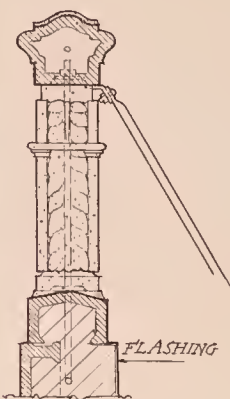


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BALVSTRADES SHOWING VARIOUS TYPES OF FILLING



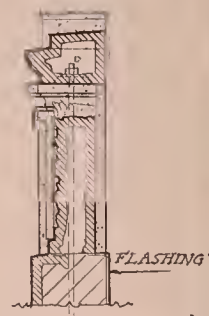
ELEVATION
OF BALVSTRADE A



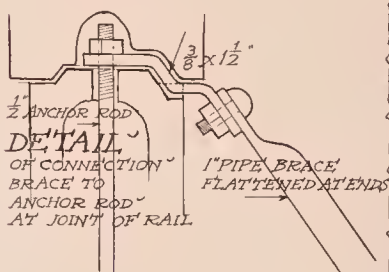
SECTION
THRO' A



ELEVATION
OF BALVSTRADE D



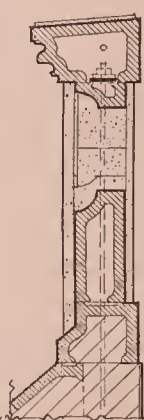
SECTION
THRO' D



DETAIL
OF CONNECTION
BRACE TO
ANCHOR ROD
AT JOINT OF RAIL

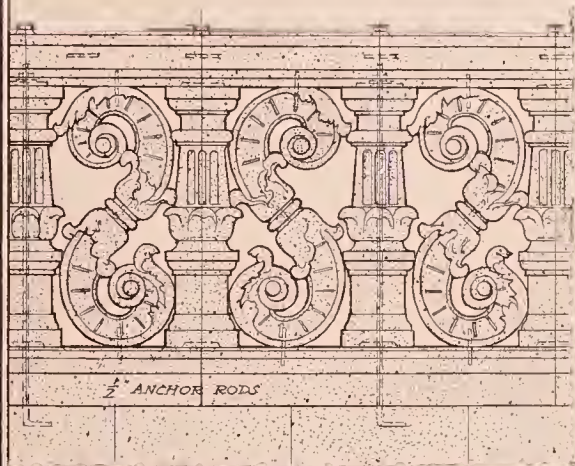


ELEVATION
OF BALVSTRADE E

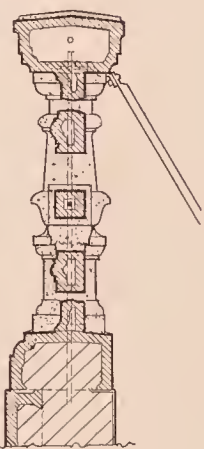


SECTION
THRO' E

SCALE ONE-HALF INCH EQUALS ONE FOOT

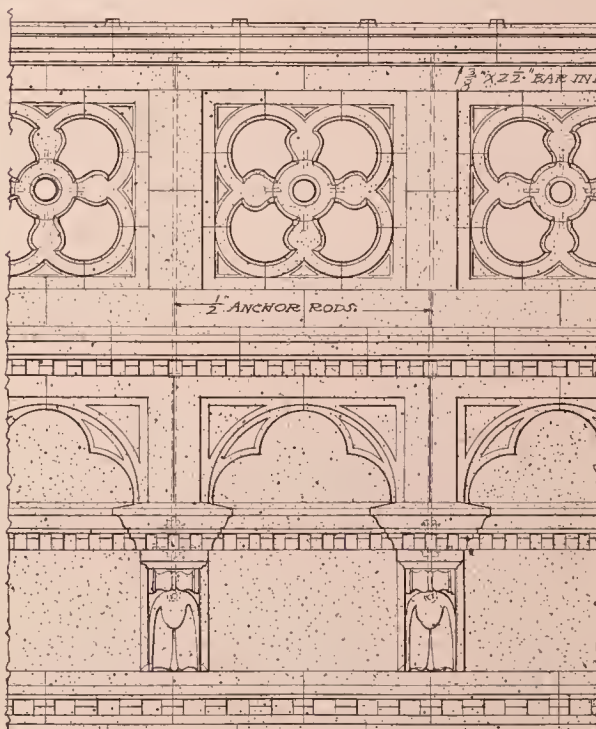


ELEVATION
OF BALVSTRADE B

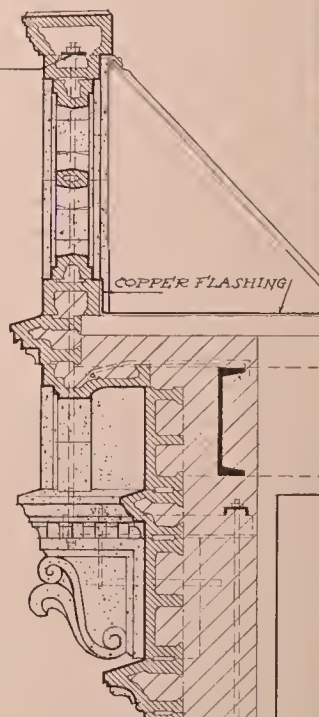


SECTION
THRO' B

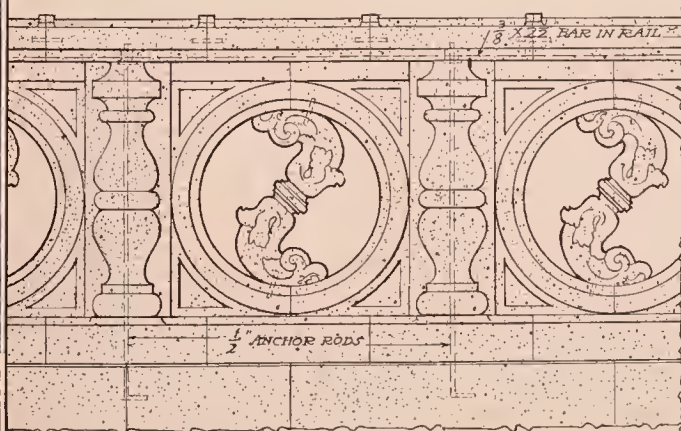
LIGHT AND HIGH BALVSTRADES WHERE NOT ANCHORED WITH PIERS AT SHORT INTERVALS
SHOULD BE BRACED AS SHOWN



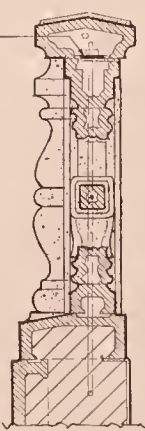
ELEVATION
CORNICE AND BALVSTRADE F



SECTION
THRO' F



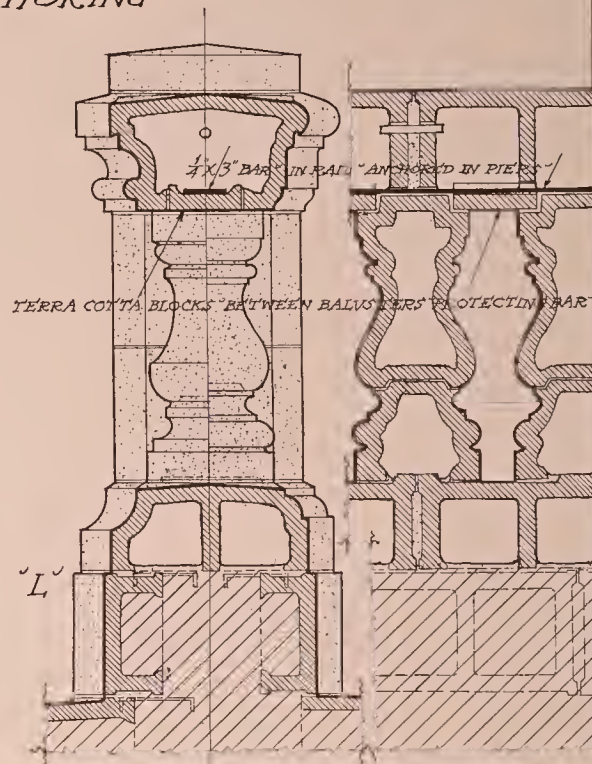
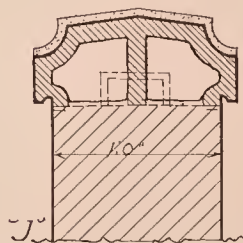
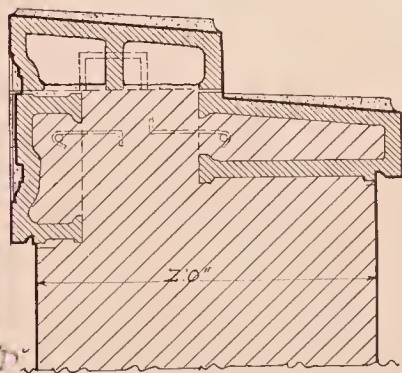
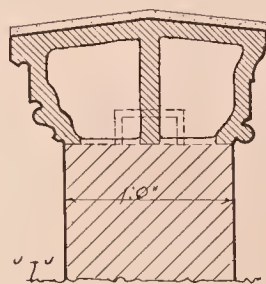
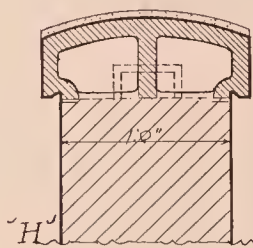
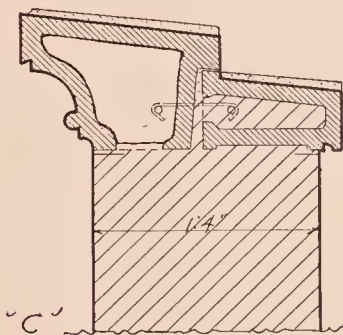
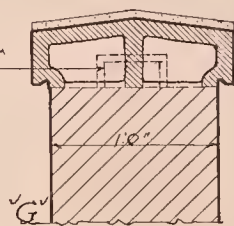
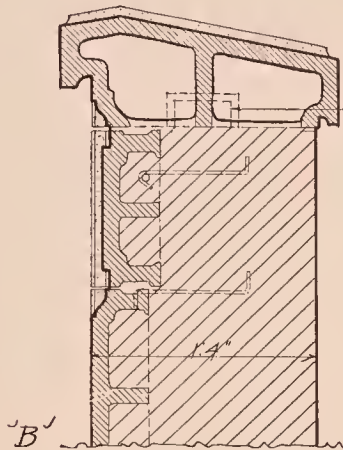
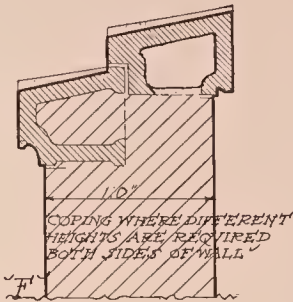
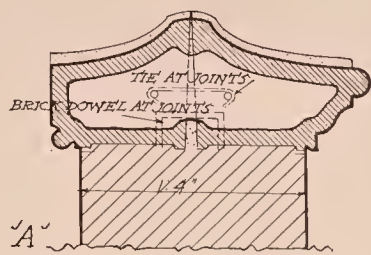
ELEVATION
OF BALVSTRADE C



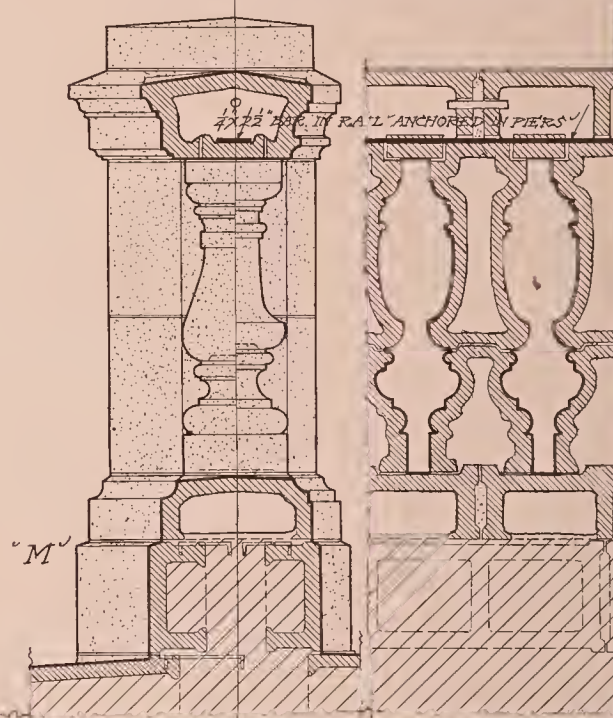
SECTION
THRO' C

ARCHITECTURAL TERRA COTTA · · · STANDARD CONSTRUCTION

WALL, COPINGS AND BALUSTRADES
SHOWING VARIOUS METHODS OF JOINTING AND ANCHORING

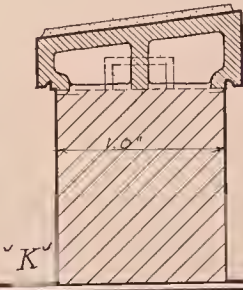
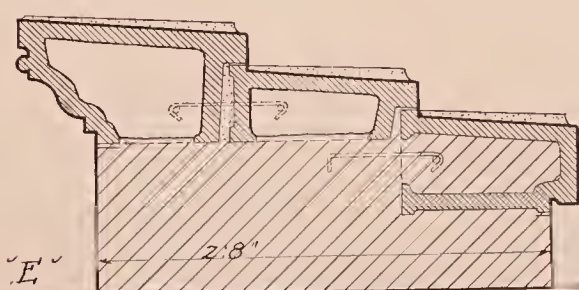


WHERE BALUSTERS ARE OF SUFFICIENT DIAMETER DOWELS AS SHOWN SHOULD BE PROVIDED IRON ANCHOR RODS BEING UNNECESSARY WHERE OTHERWISE PROVIDE RODS AS ON PLATES NO 25 AND 26



COPINGS FOR WALLS UP TO 20" IN THICKNESS MAY BE SAFELY MADE IN ONE PIECE FOR WALLS 20" TO 36" IN THICKNESS IN TWO PIECES AND FOR WALLS ABOVE 36" IN THICKNESS IN THREE OR MORE PIECES AS REQUIRED

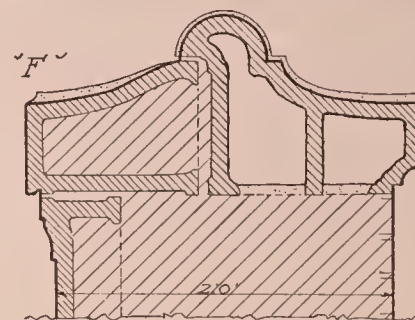
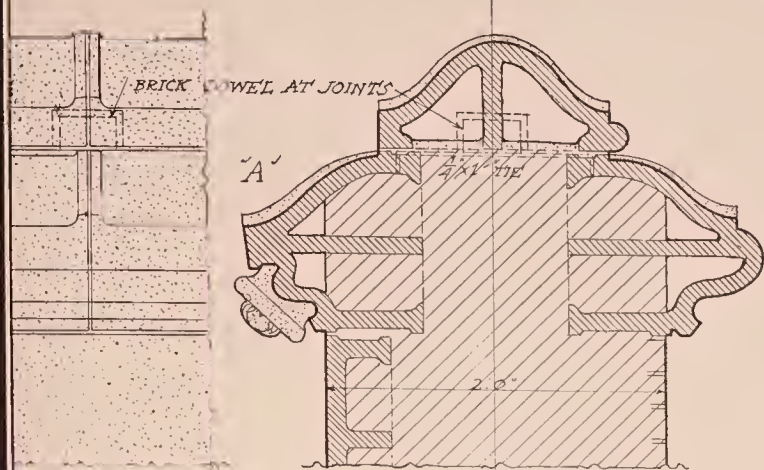
SCALE THREE-QUARTERS OF AN INCH EQUALS ONE FOOT



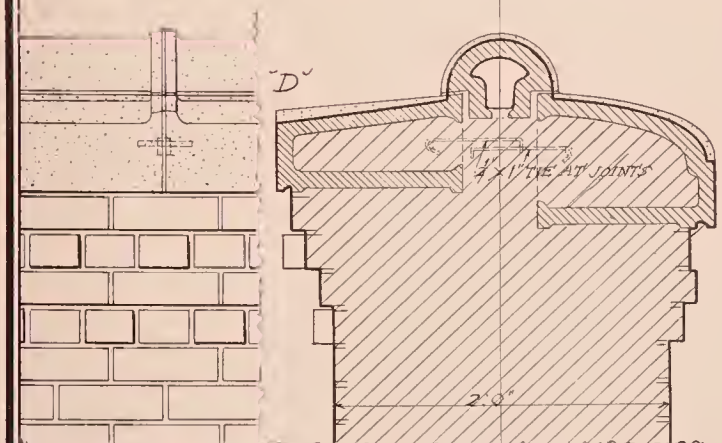
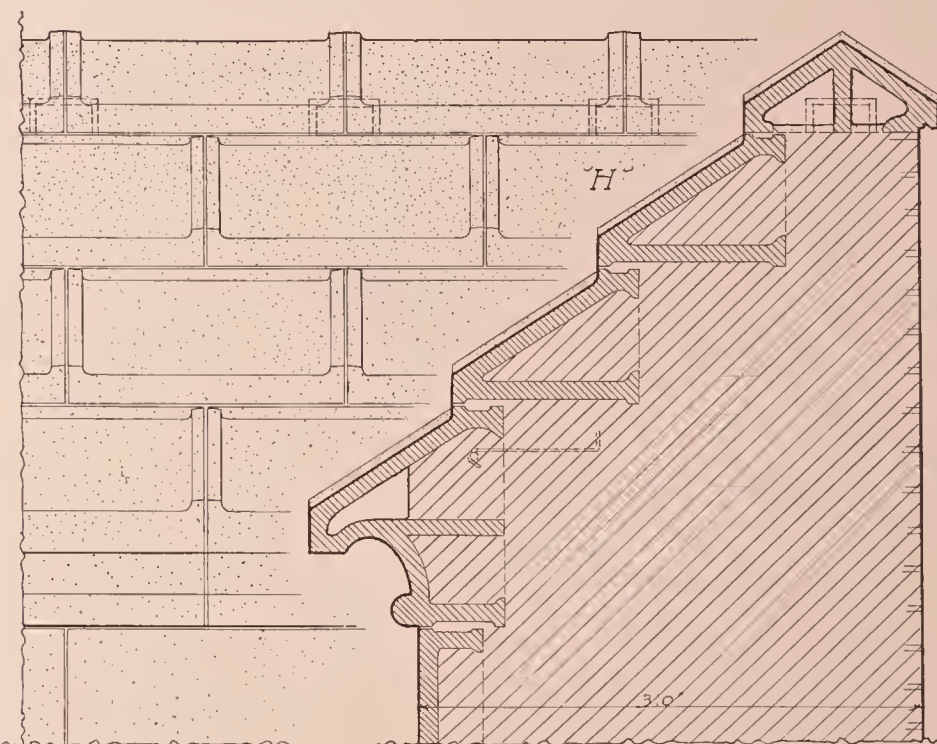
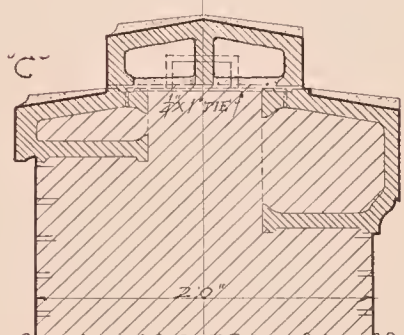
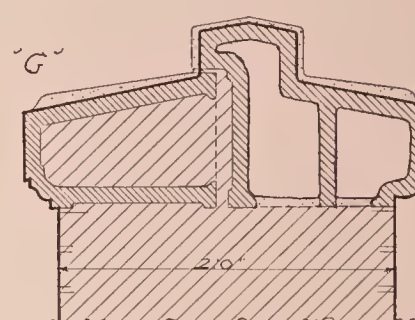
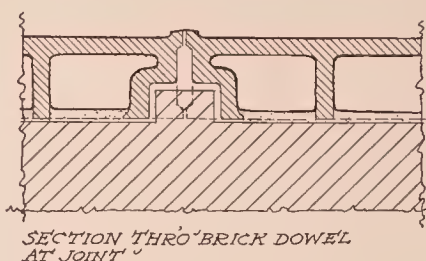
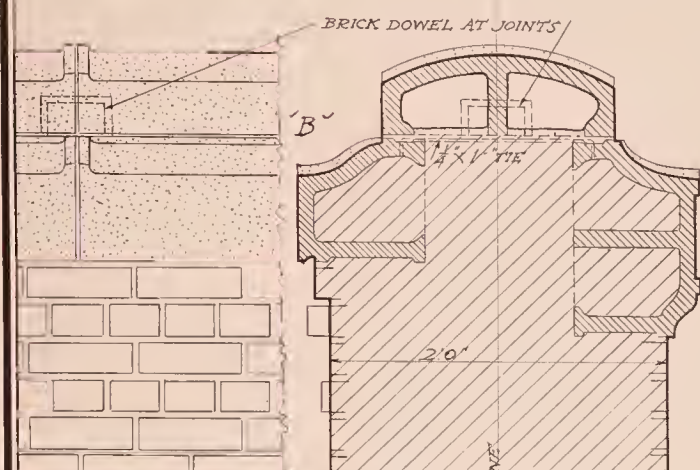
ARCHITECTURAL TERRA COTTA · · · STANDARD CONSTRUCTION

WALL COPINGS

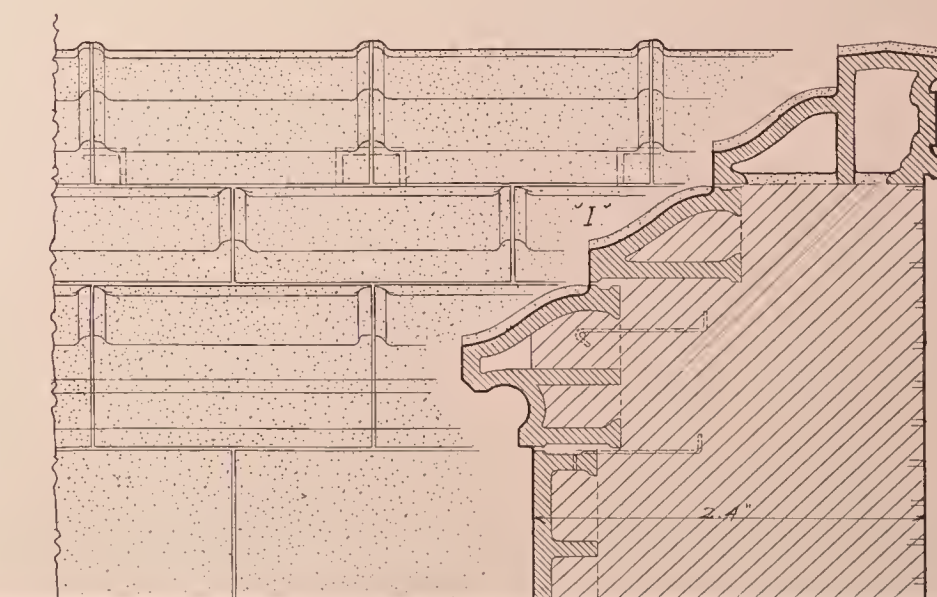
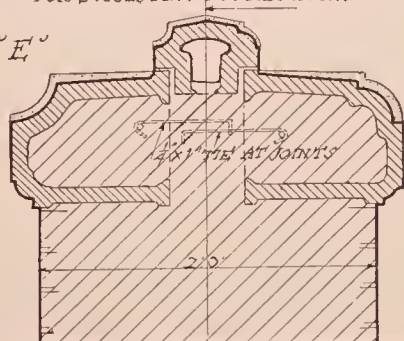
FOR WALLS 2.0" AND MORE THICK
SHOWING VARIOUS METHODS OF JOINTING AND ANCHORING



SCALE · THREE-QUARTERS OF AN INCH EQUALS ONE FOOT

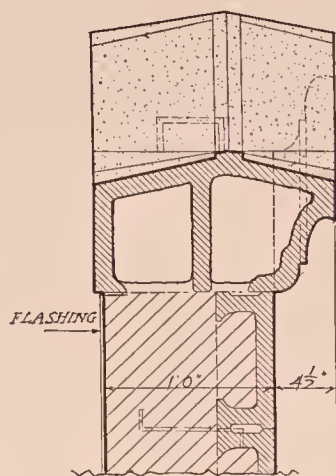


THE PROFILE OF EACH COPING IS VARIED BOTH SIDES OF CENTER LINE FOR SUGGESTING POSSIBILITIES

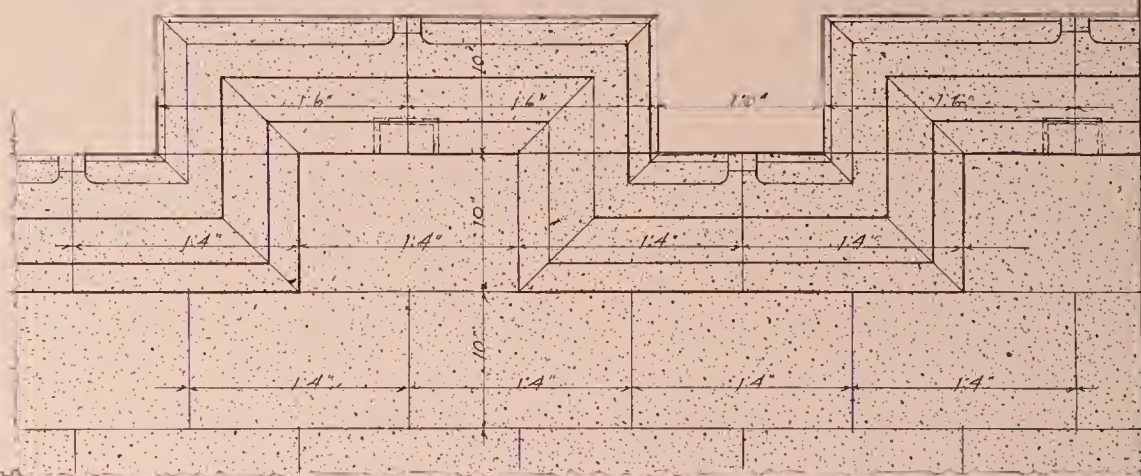


ARCHITECTURAL TERRA COTTA · · · STANDARD CONSTRUCTION

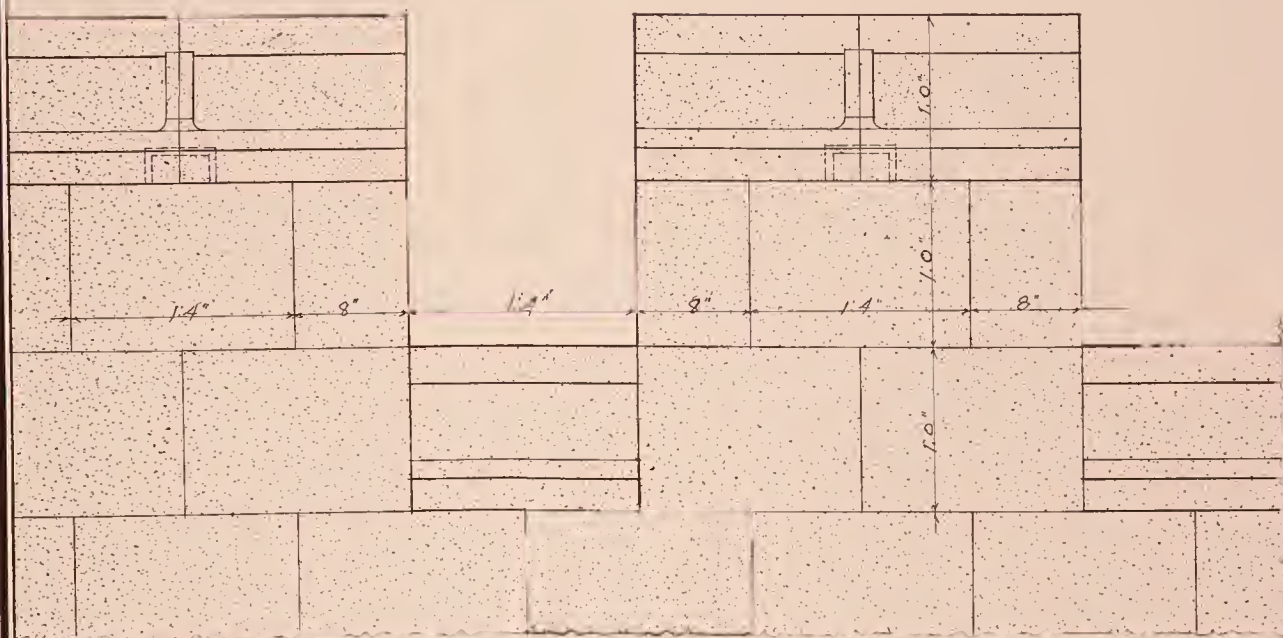
BUTTRESS AND BATTLEMENTED COPING



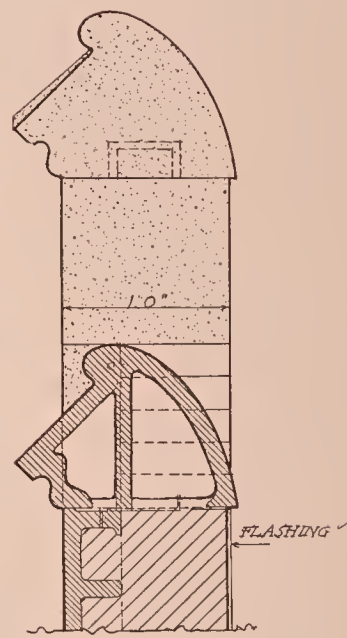
SECTION
THRO' COPING "A"



ELEVATION
OF COPING "A"

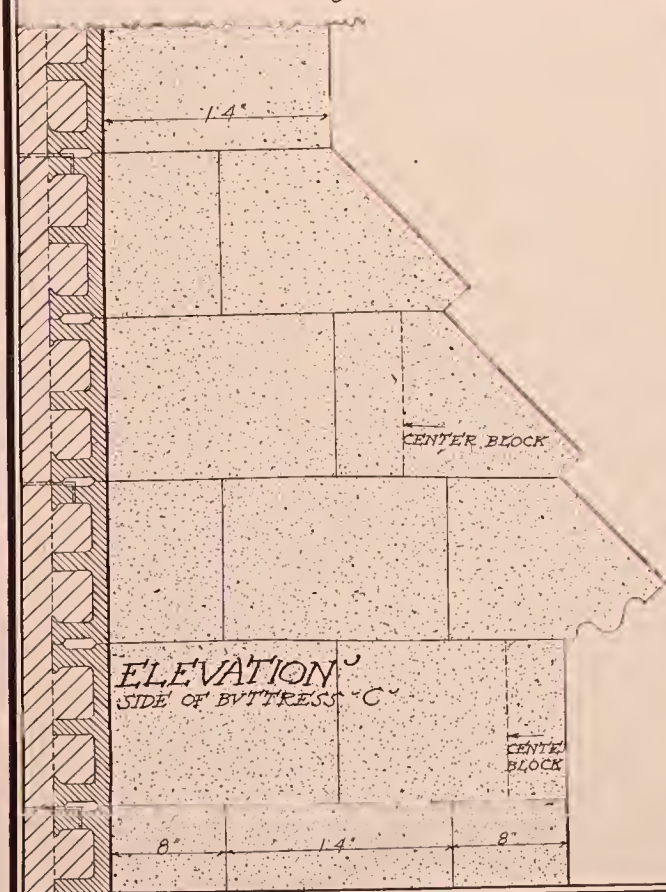


ELEVATION
OF COPING "B"

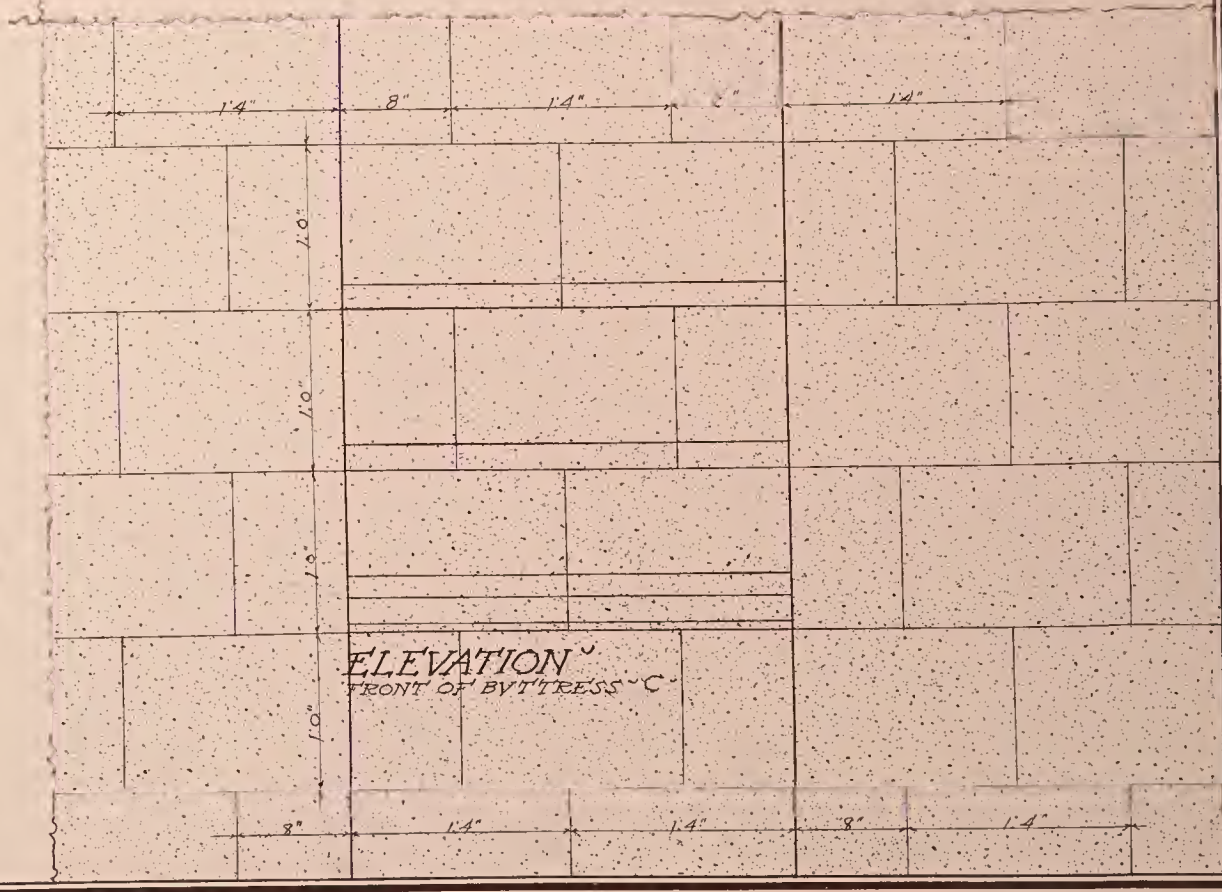


SECTION
THRO' COPING "B"

SCALE · THREE-QUARTERS OF AN INCH EQUALS ONE FOOT

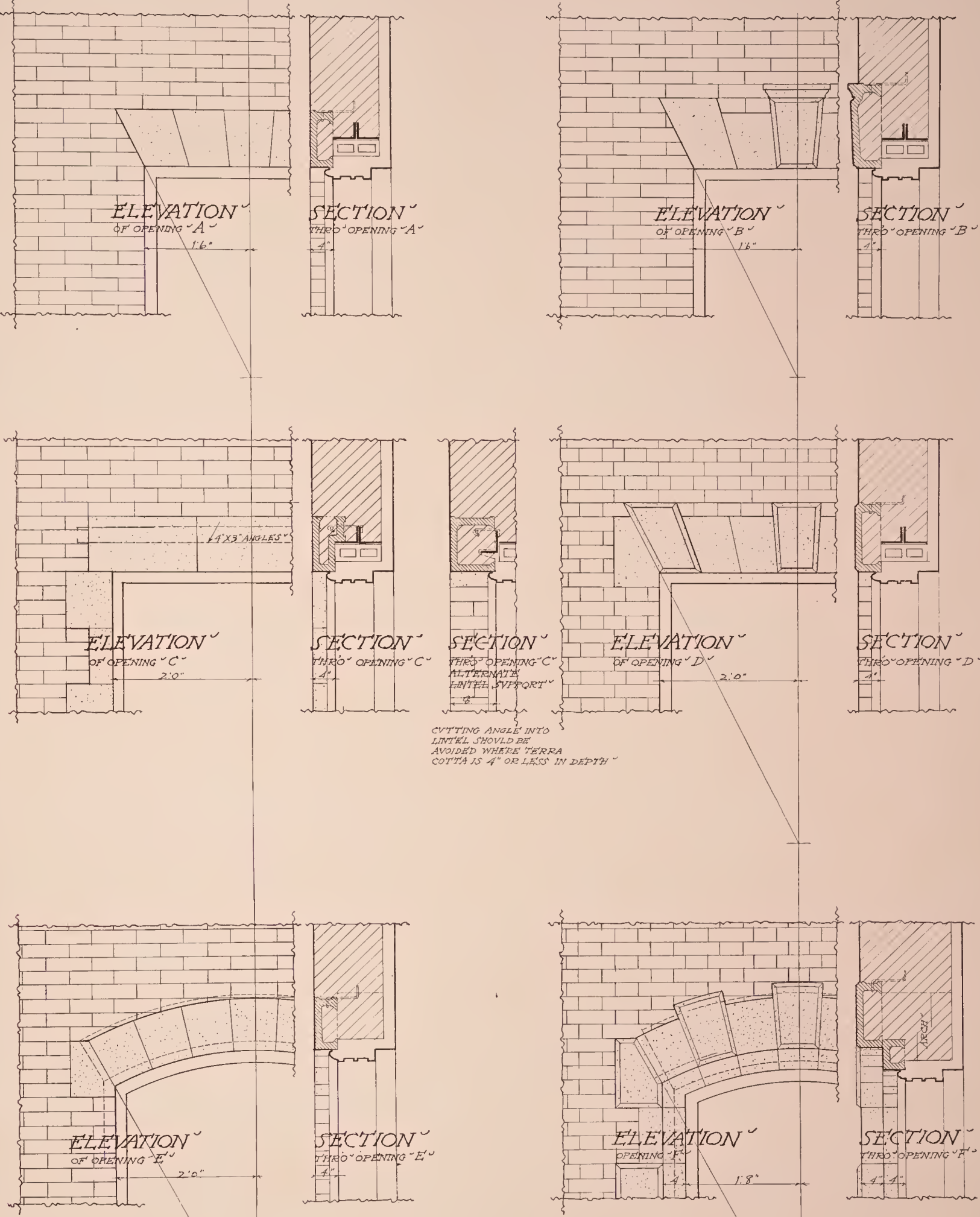


ELEVATION
SIDE OF BUTTRESS "C"



ELEVATION
FRONT OF BUTTRESS "C"

ARCHITECTURAL TERRA COTTA · · · STANDARD CONSTRUCTION



ARCH AND LINTEL TREATMENT
FOR SMALL AND MEDIUM SIZED OPENINGS
WITH BRICK FIELD

SCALE ONE-HALF INCH EQUALS ONE FOOT

ARCHITECTURAL TERRA COTTA · · · STANDARD CONSTRUCTION

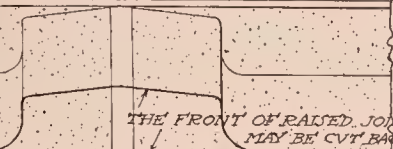
PROTECTED JOINTS · SILL WASHES · AND DRIPS ·

TERRA COTTA LENDS ITSELF TO GREAT VARIETY IN FORM AND PROFILE · · ·
OFTEN WITHOUT ADDING TO THE COST ·

SCALE · HALF FULL SIZE ·

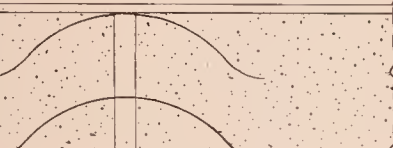
RAISED JOINTS ·

ARE MUCH SUPERIOR TO ROLL JOINTS ·
MUCH LESS LIABLE TO CHIPPING AND BREAKAGE IN HANDLING ·
FACILITATES THE PROPER FITTING AND SETTING OF THE MATERIAL ·

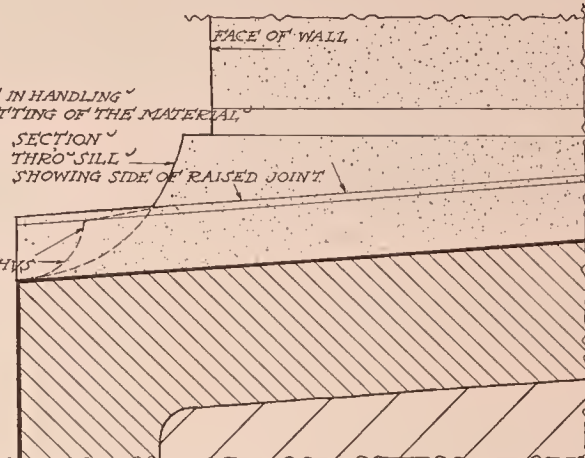


ELEVATION
FRONT OF
RECTANGULAR RAISED JOINT ·

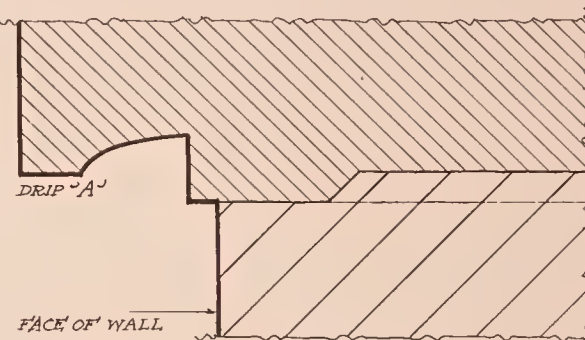
THE PROFILE OF RAISED JOINTS IS
SUSCEPTIBLE OF MANY VARIATIONS ·



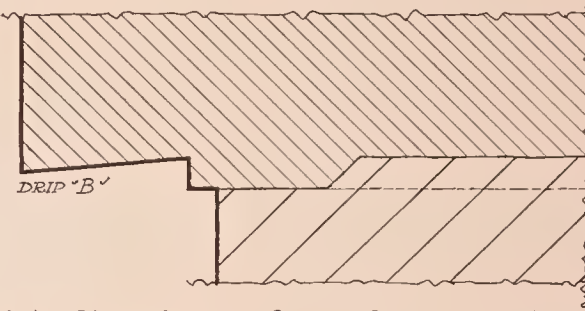
ELEVATION
FRONT OF
OVAL RAISED JOINT ·



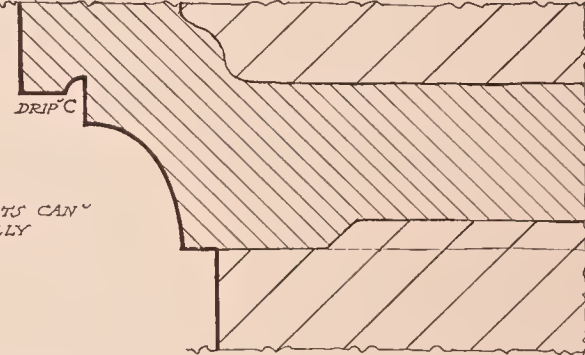
SECTION
THRO' SILL
SHOWING SIDE OF RAISED JOINT ·



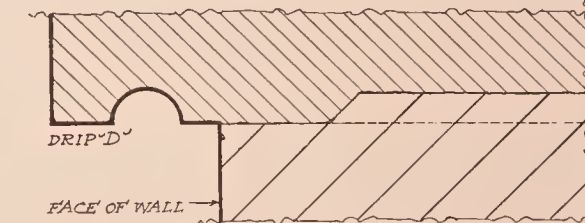
DRIP "A" ·



DRIP "B" ·



DRIP "C" ·



DRIP "D" ·

FACE OF WALL ·

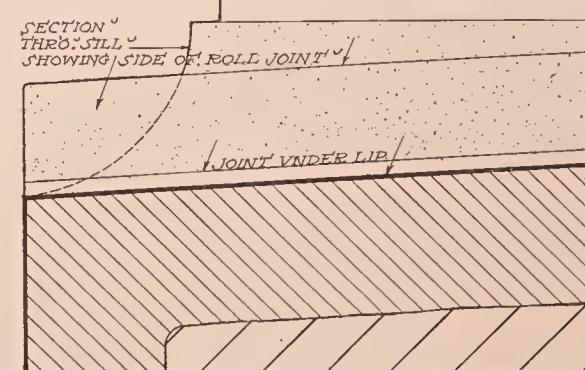
DRIPS SUITABLE FOR ALL REQUIREMENTS CAN ·
READILY BE MANUFACTURED · AND USUALLY
WITHOUT INCREASING THE COST ·

OLD STYLE ROLL JOINTS ·

ARE MUCH INFERIOR TO RAISED JOINTS ·
ARE VERY SUSCEPTIBLE TO CHIPPING AND BREAKAGE IN HANDLING ·
ANY SETTLEMENT IS LIABLE TO BREAK OFF OVERLAP ·

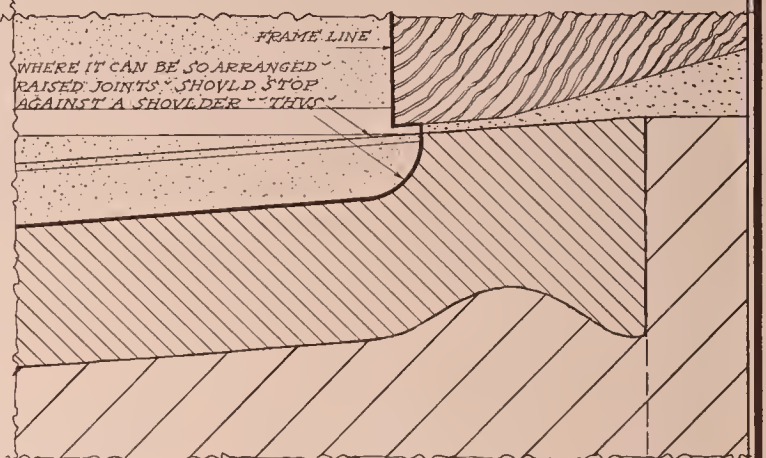


ELEVATION
FRONT OF
ROLL JOINT ·

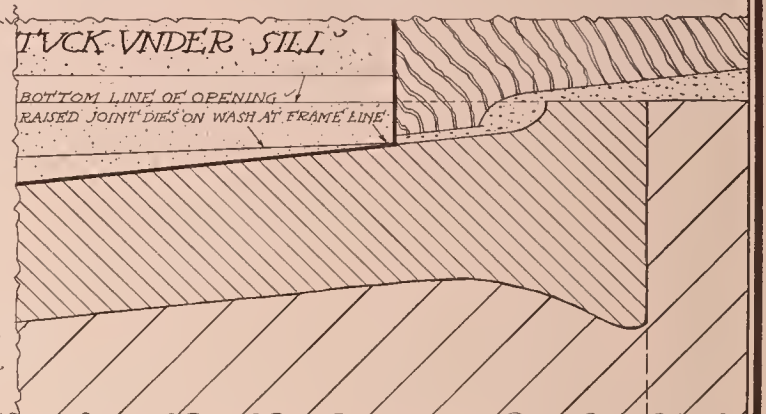


SECTION
THRO' SILL
SHOWING SIDE OF ROLL JOINT ·

JOINT UNDER LIP ·

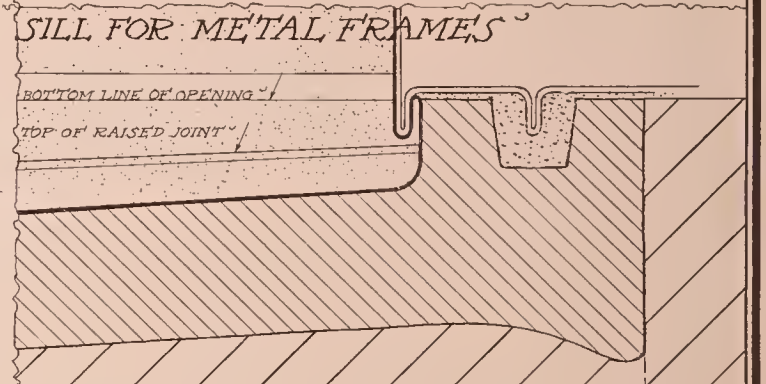


WHERE IT CAN BE SO ARRANGED ·
RAISED JOINTS SHOULD STOP
AGAINST A SHOULDER · THUS ·



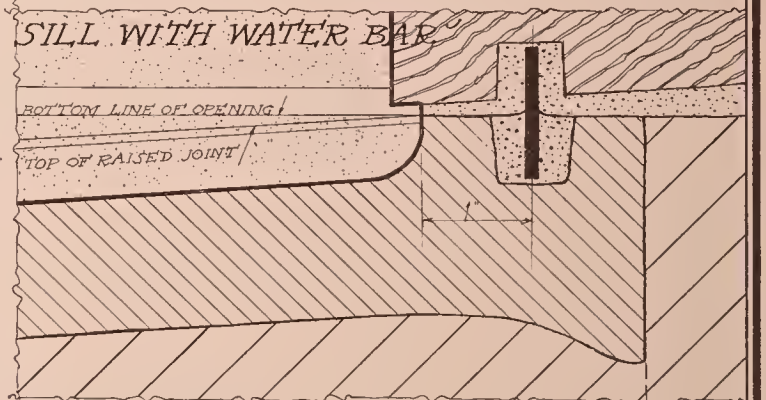
TUCK UNDER SILL ·

BOTTOM LINE OF OPENING ·
RAISED JOINT DIES ON WASH AT FRAME LINE ·



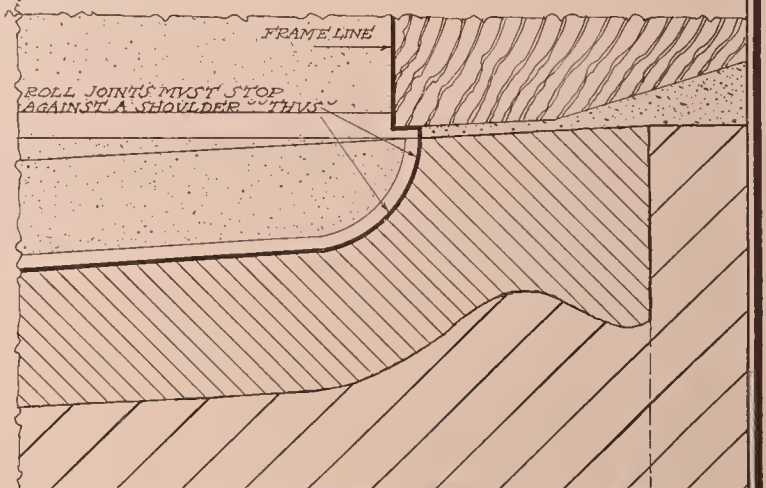
SILL FOR METAL FRAMES ·

BOTTOM LINE OF OPENING ·
TOP OF RAISED JOINT ·



SILL WITH WATER BAR ·

BOTTOM LINE OF OPENING ·
TOP OF RAISED JOINT ·

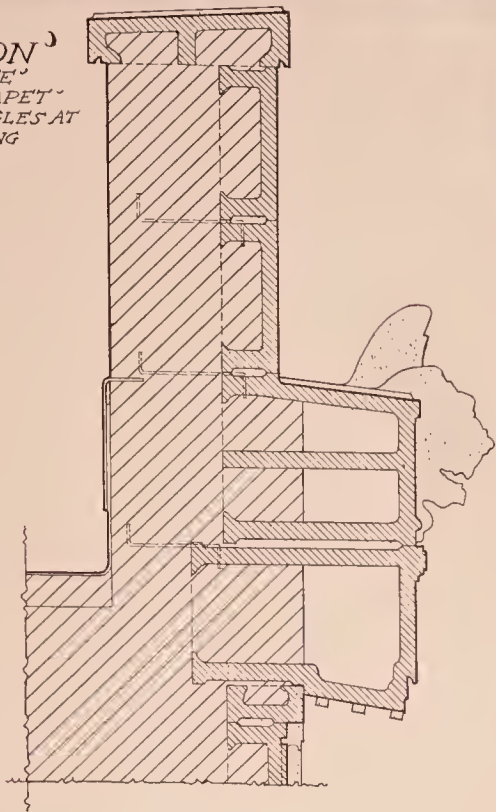


FRAME LINE ·

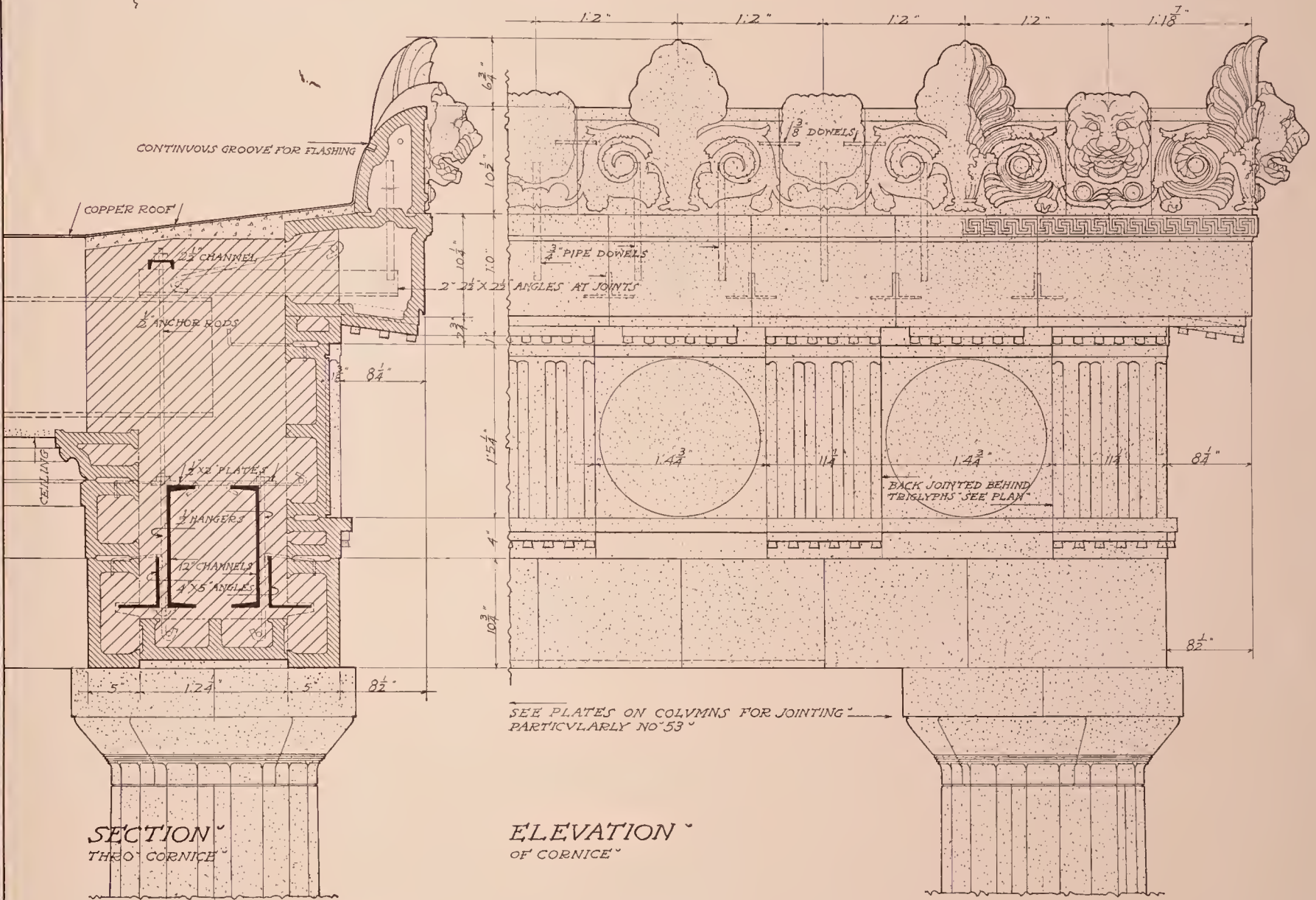
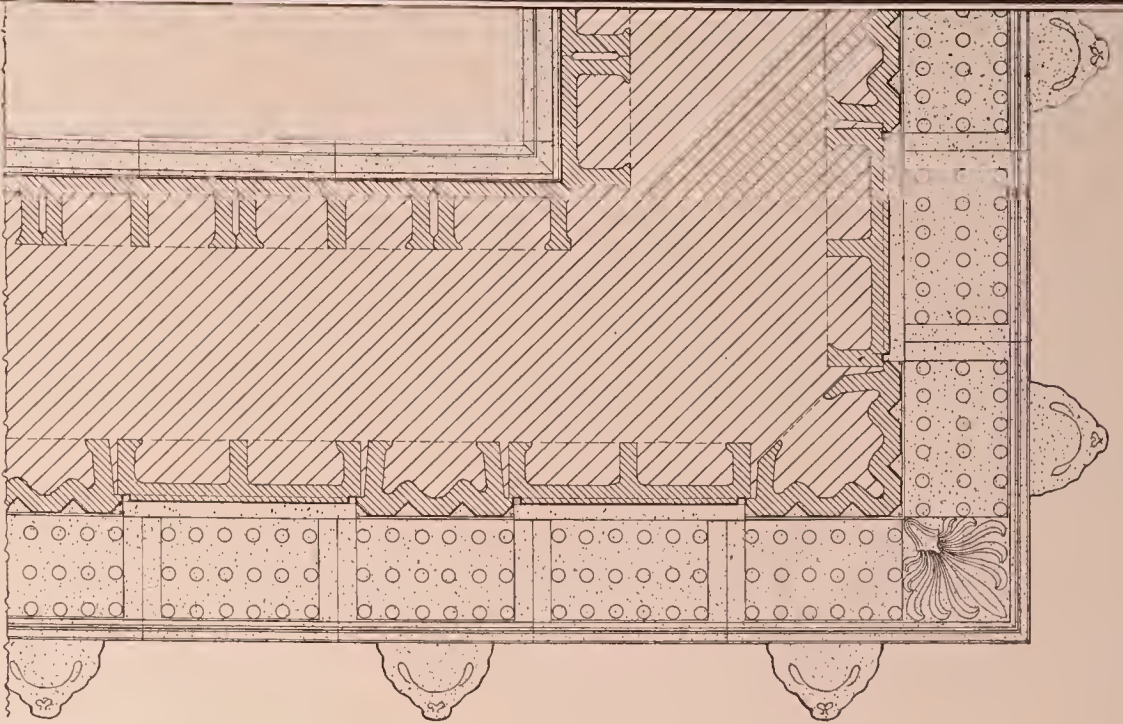
ROLL JOINTS MUST STOP
AGAINST A SHOULDER · THUS ·

ARCHITECTURAL TERRA COTTA · · · STANDARD CONSTRUCTION

SECTION
ALTERNATE
WITH PARAPET
THE 2½" ANGLES AT
JOINTS BEING
OMITTED



PLAN
THRO' FRIEZE OF CORNICE
LOOKING VP



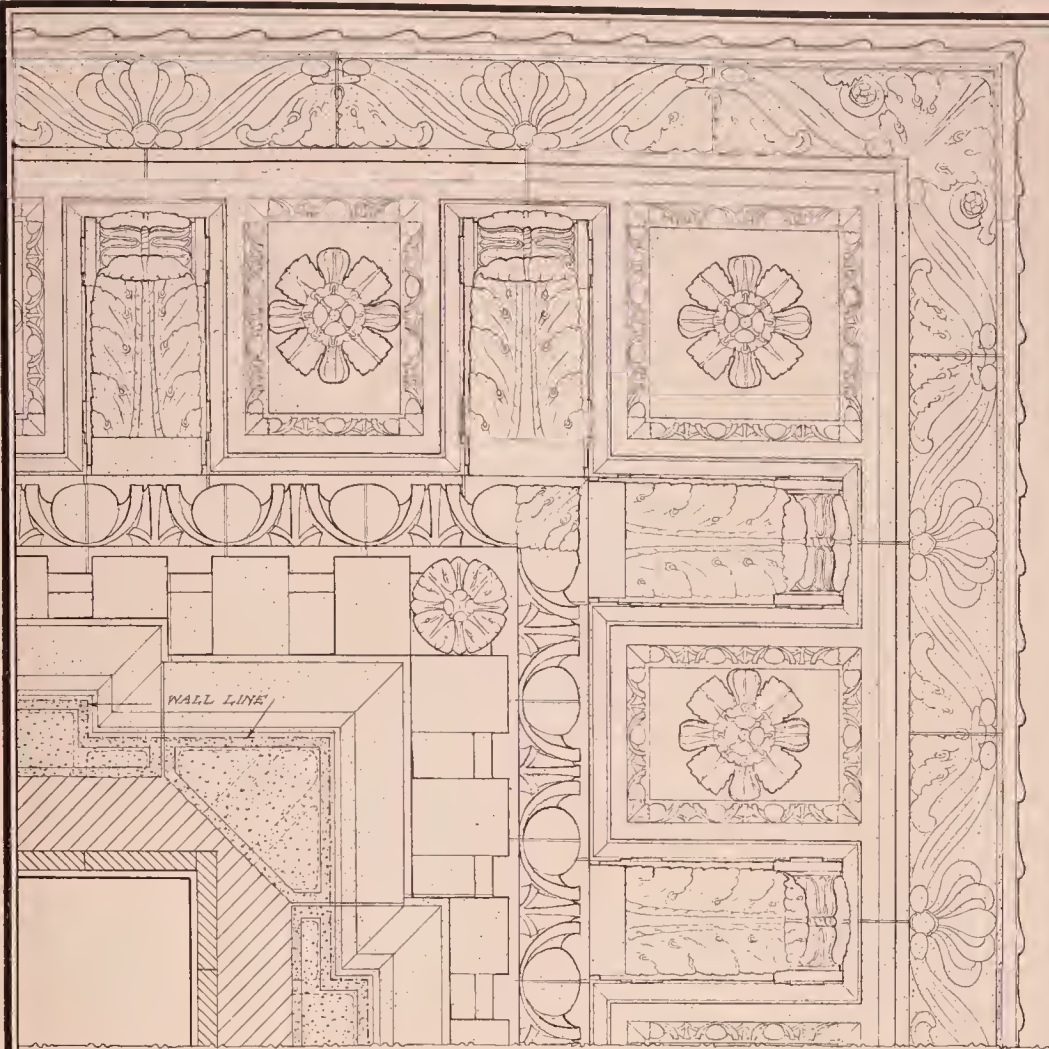
SECTION
THRO' CORNICE

ELEVATION
OF CORNICE

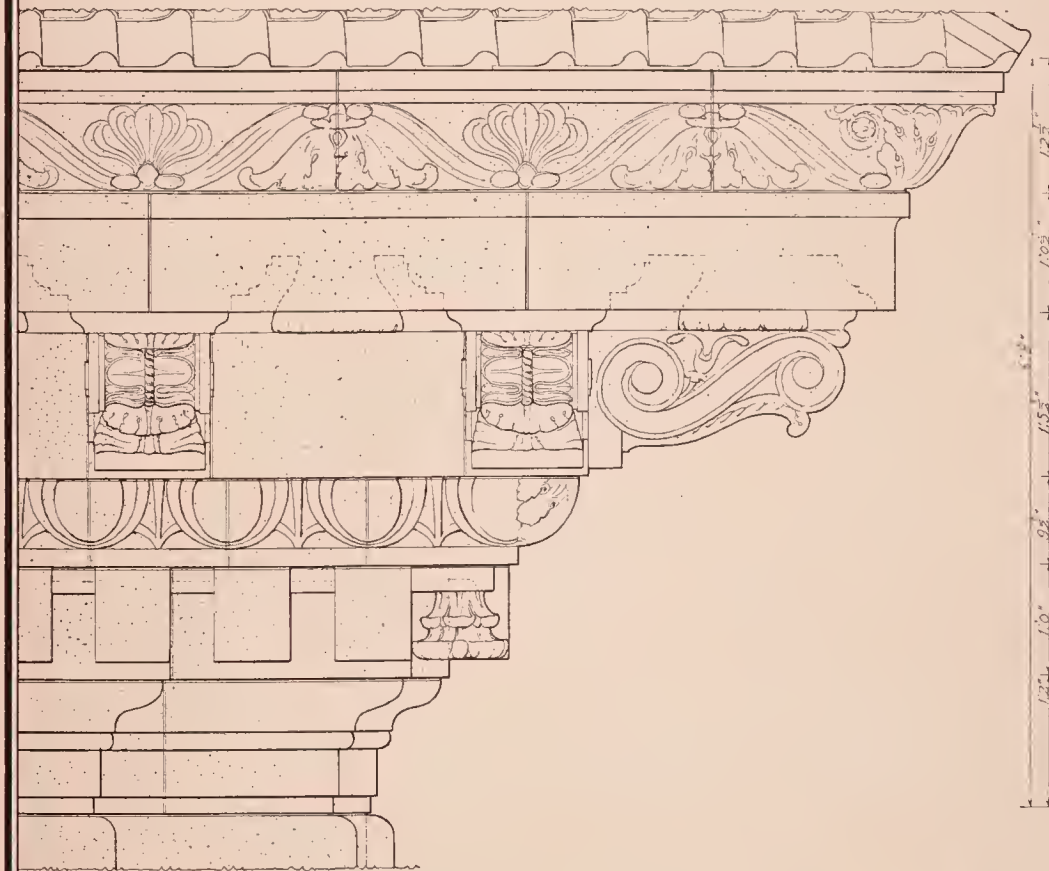
CORNICE
WITH CHENEAV · PANELED SOFFIT · ETC
SHOWING METHOD OF SUPPORT AND ANCHORAGE

SCALE · THREE-QUARTERS OF AN INCH EQUALS ONE FOOT

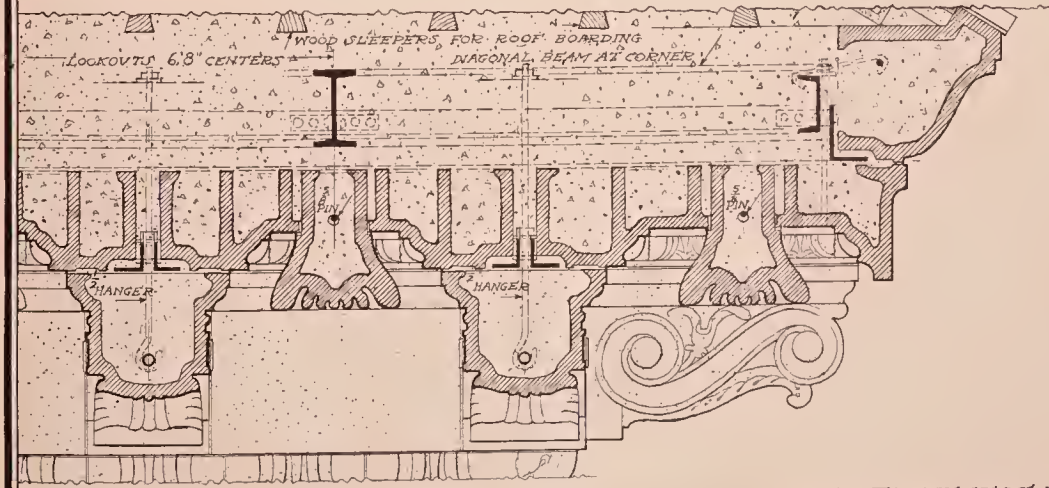
ARCHITECTURAL TERRA COTTA • STANDARD CONSTRUCTION



PLAN OF CORNICE AT A LOOKING VP



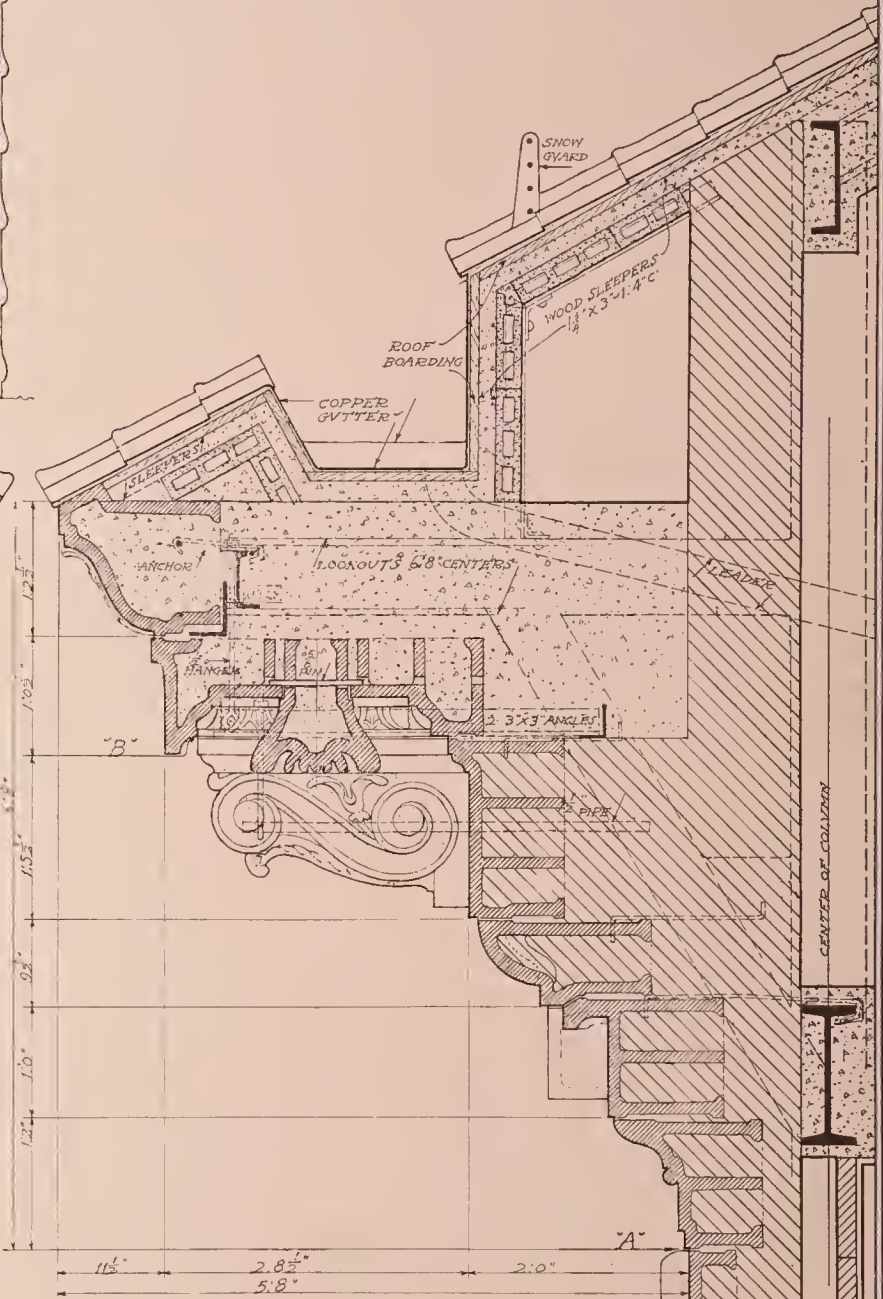
ELEVATION



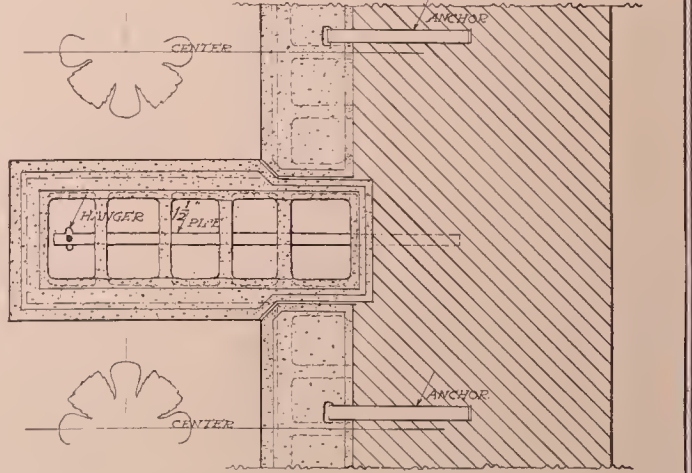
SECTION THRO MODILLIONS AND SOFFIT

MODILLION CORNICE
WITH GUTTER AND TILE ROOF
SHOWING METHOD OF SUPPORT
AND ANCHORAGE

COMPARED TO OTHER MATERIALS WITH LASTING QUALITIES
DECORATION IN ARCHITECTURAL TERRA COTTA IS INEXPENSIVE
PARTICULARLY WHERE CONSIDERABLE DUPLICATION OF MODELS OCCUR



SECTION THRO CORNICE



PLAN TOP BED OF MODILLIONS B

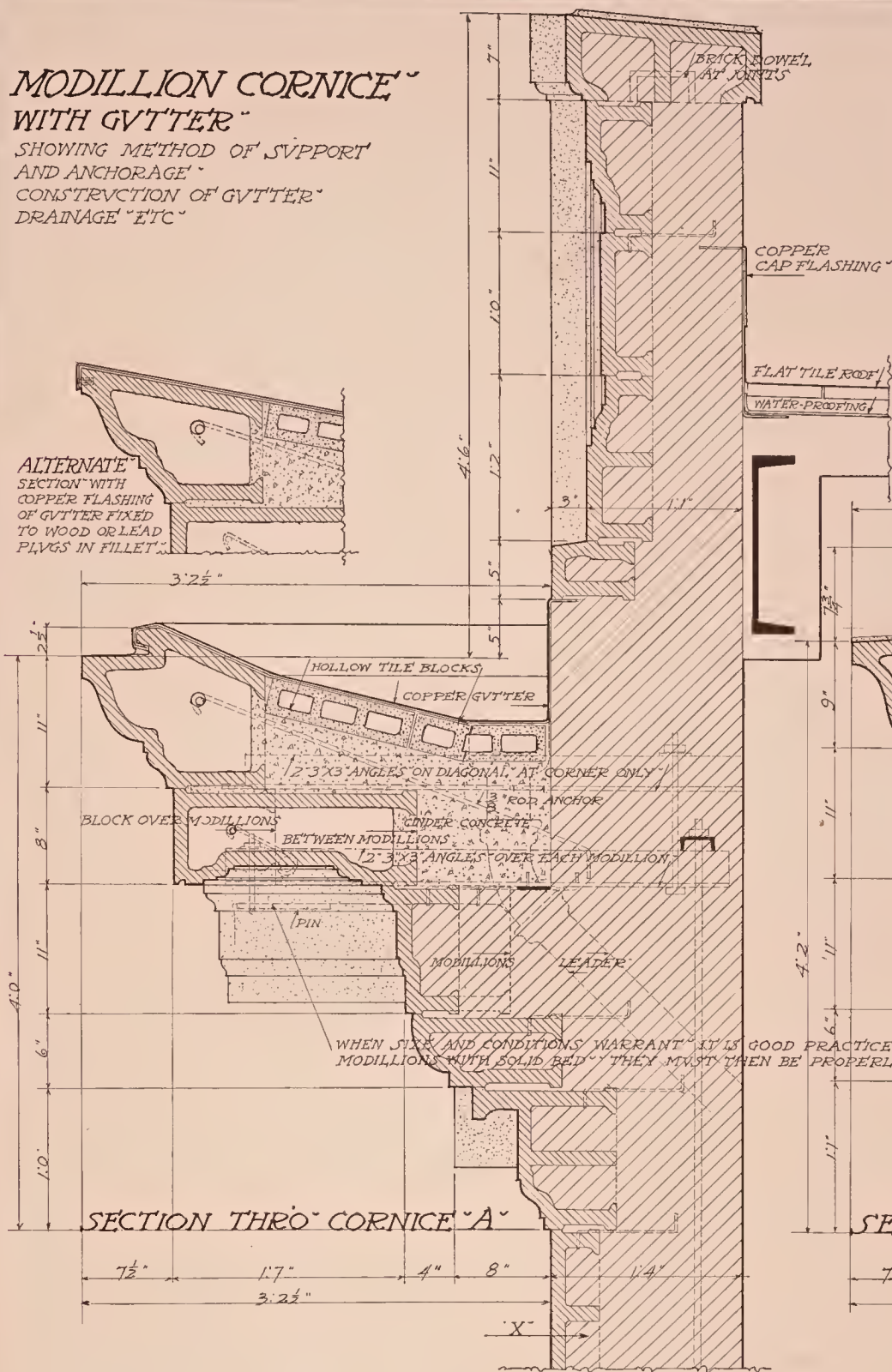
SCALE ONE-HALF INCH EQUALS ONE FOOT

ARCHITECTURAL TERRA COTTA · · · STANDARD CONSTRUCTION

MODILLION CORNICE WITH GUTTER

SHOWING METHOD OF SUPPORT
AND ANCHORAGE ·
CONSTRUCTION OF GUTTER ·
DRAINAGE · ETC ·

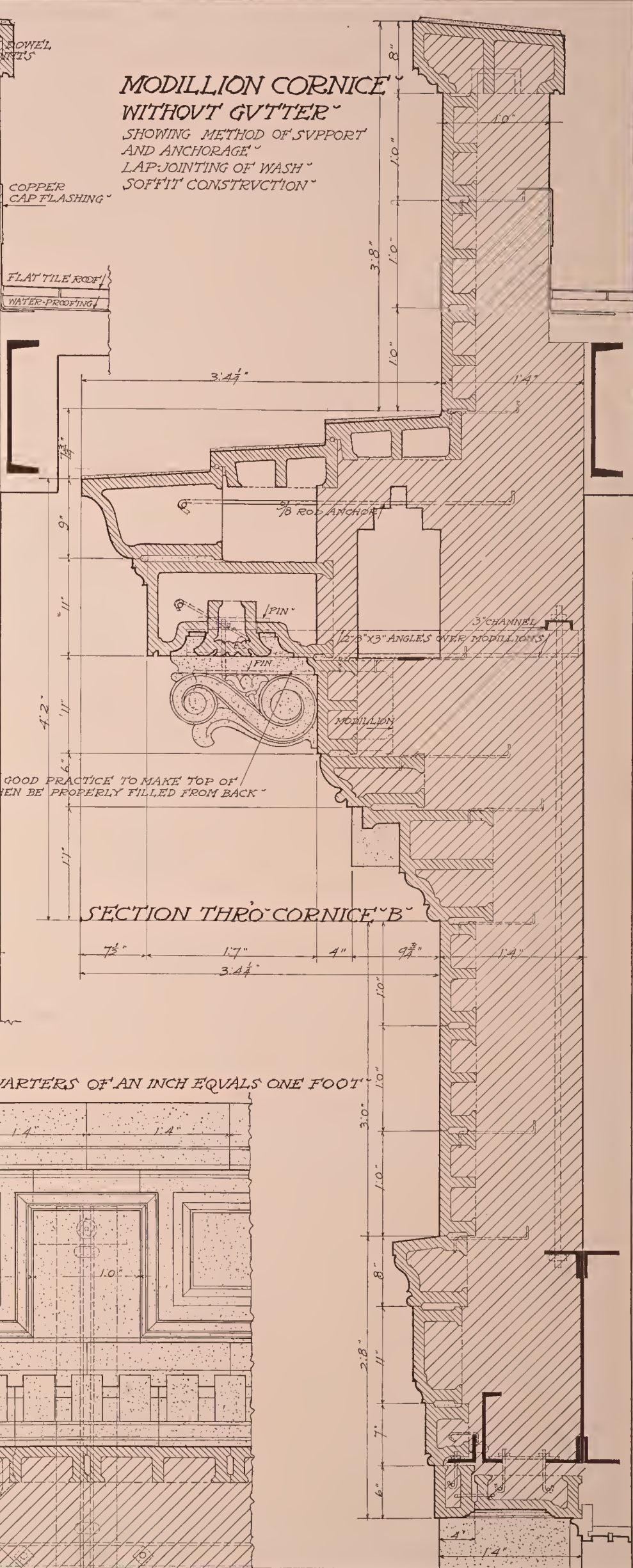
ALTERNATE
SECTION WITH
COPPER FLASHING
OF GUTTER FIXED
TO WOOD OR LEAD
PLUGS IN FILLET ·



SECTION THRO' CORNICE "A"

MODILLION CORNICE WITHOUT GUTTER

SHOWING METHOD OF SUPPORT
AND ANCHORAGE ·
LAP-JOINTING OF WASH ·
SOFFIT CONSTRUCTION ·

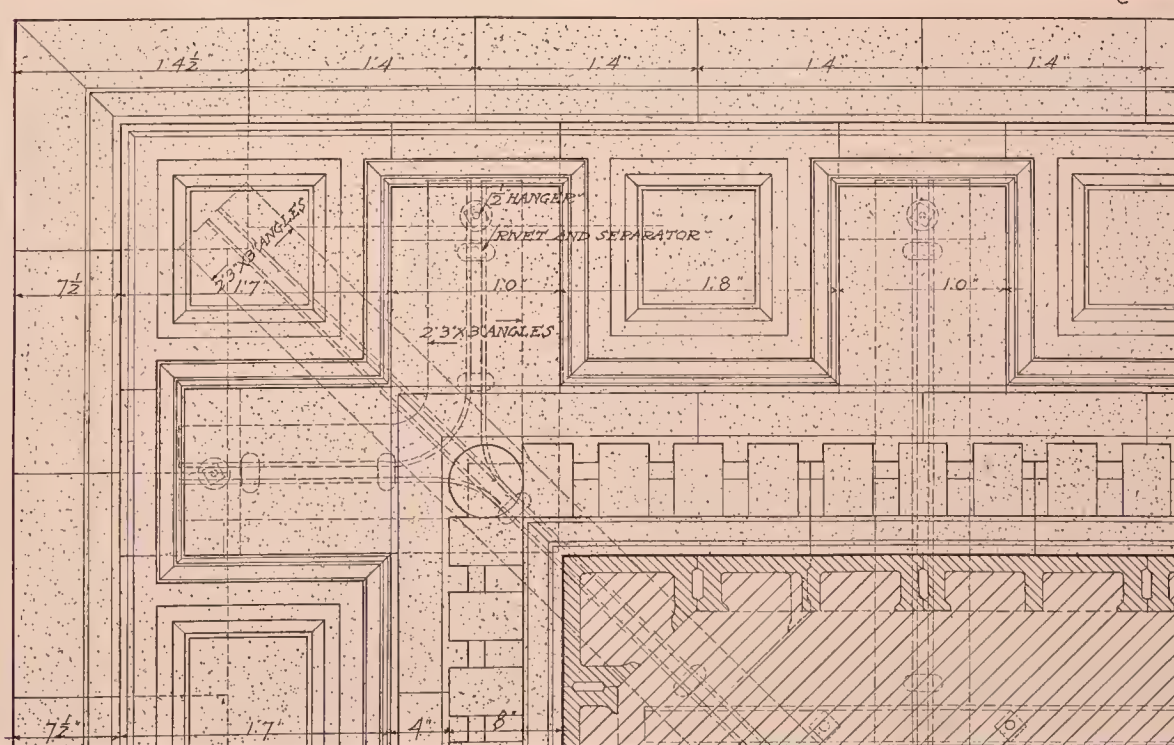


SECTION THRO' CORNICE "B"

PLAN OF CORNICE "A"

TAKEN AT "X" LOOKING UP ·

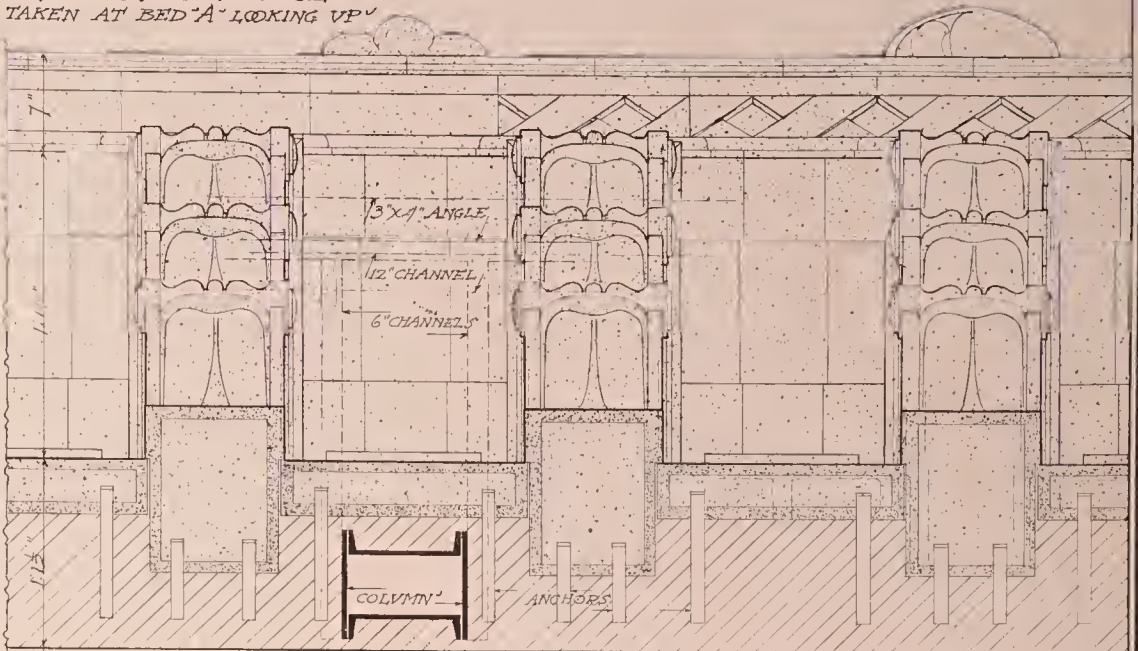
SCALE · THREE QUARTERS OF AN INCH EQUALS ONE FOOT ·



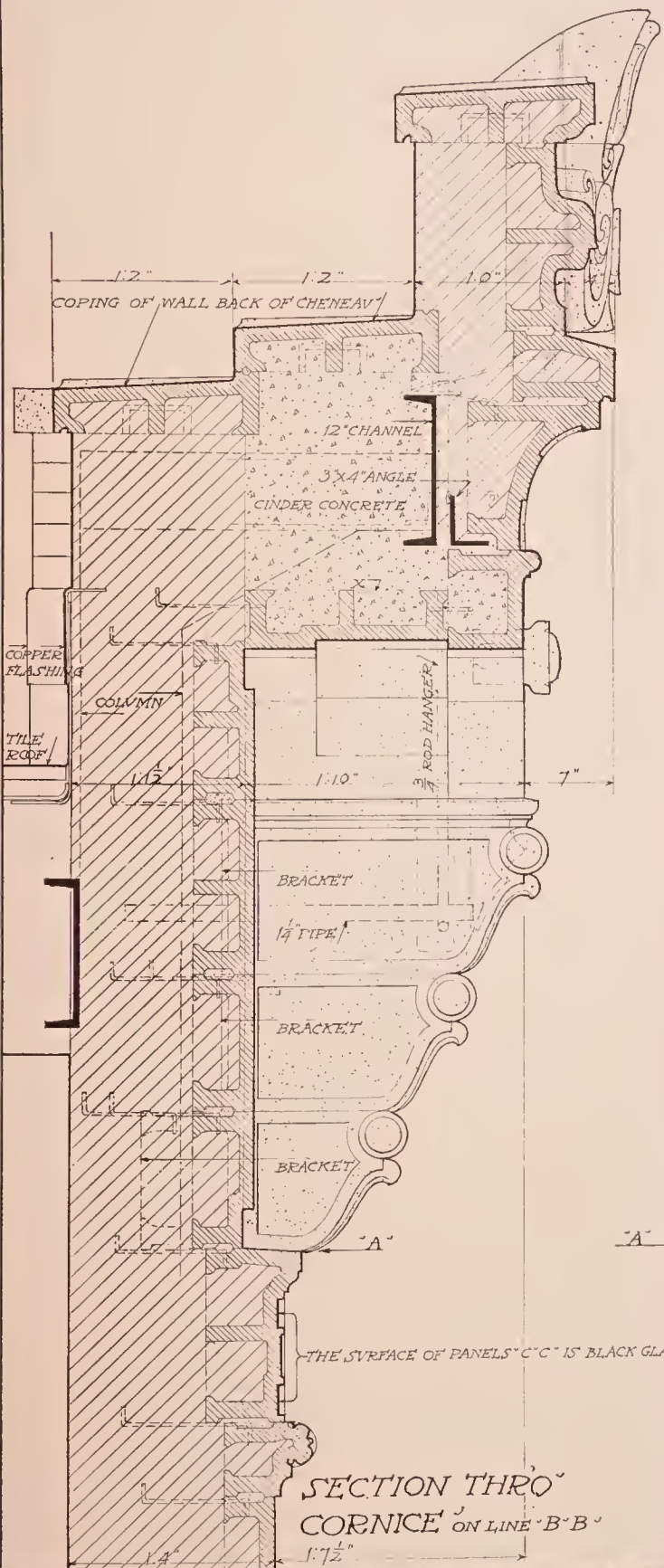
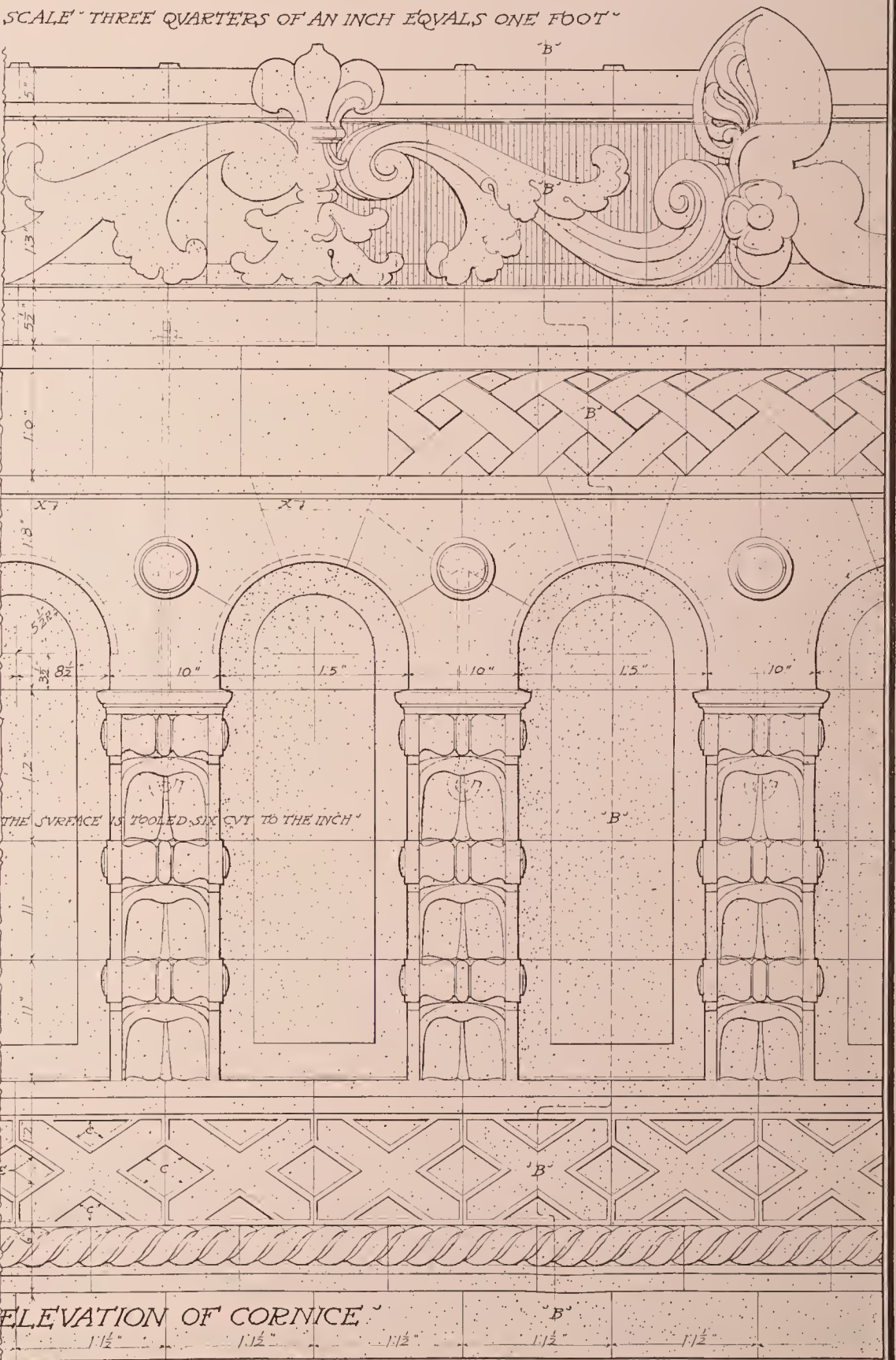
ARCHITECTURAL TERRA COTTA . . . STANDARD CONSTRUCTION

HEAVY BRACKETED CORNICE
WITH ORNAMENTED CHENEAU
SHOWING METHOD OF SUPPORT
AND ANCHORAGE

PLAN OF CORNICE
TAKEN AT BED "A" LOOKING UP



SCALE THREE QUARTERS OF AN INCH EQUALS ONE FOOT



SECTION THRO
CORNICE ON LINE "B-B"

ELEVATION OF CORNICE

ELEVATION OF CORNICE

SECTION THRO' CORNICE

SECTION ALTERNATE WASH OF CORNICE WITH SUNK DOVETAIL JOINTS IN PLACE OF RAISED JOINTS

SECTION FULL SIZE THRO' SUNK DOVETAIL JOINT

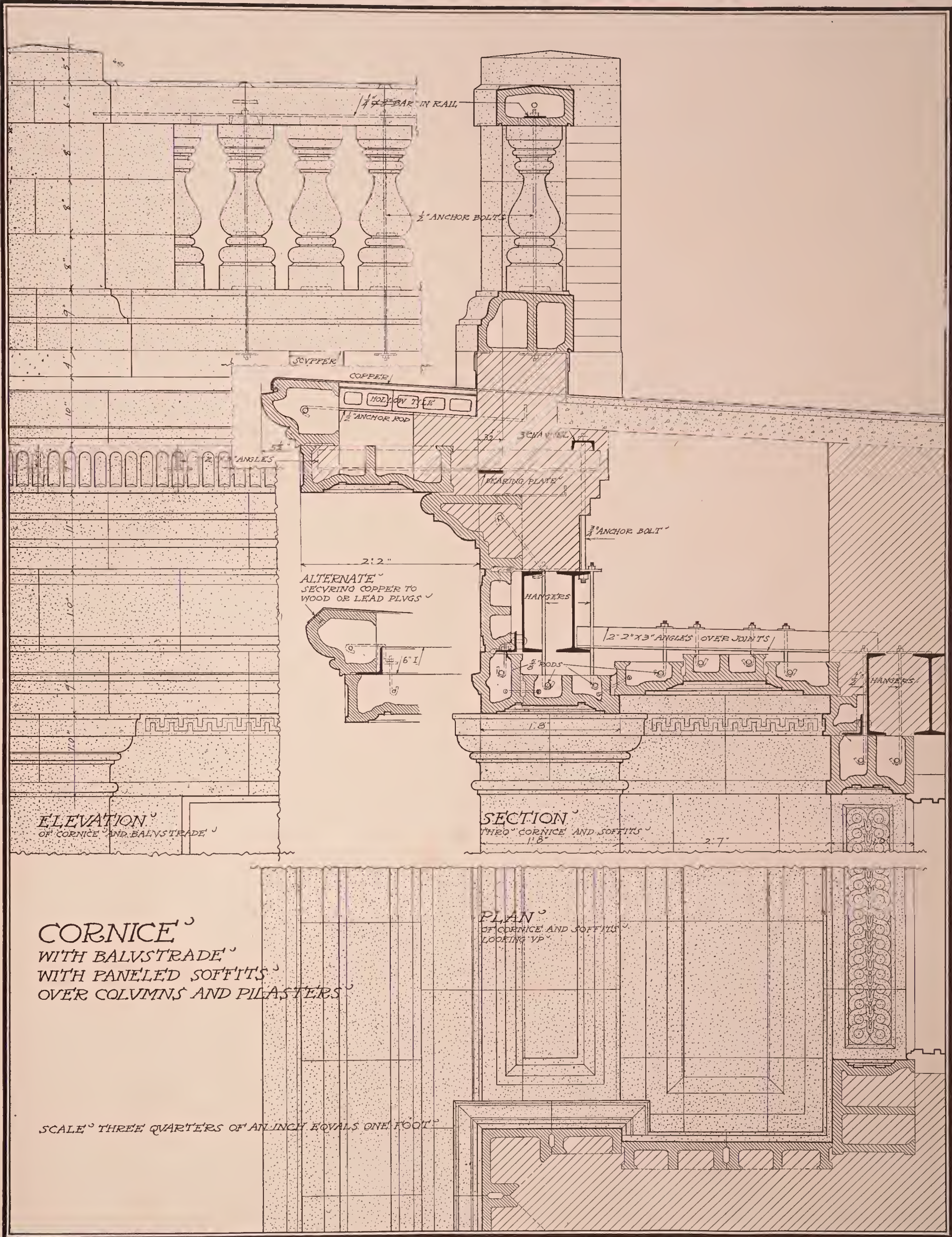
PLAN OF CORNICE LOOKING UP

MODILLION CORNICE WITH BALUSTRADE WITHOUT GUTTER

SHOWING METHOD OF SUPPORT AND ANCHORAGE

SCALE THREE-QUARTERS OF AN INCH EQUALS ONE FOOT

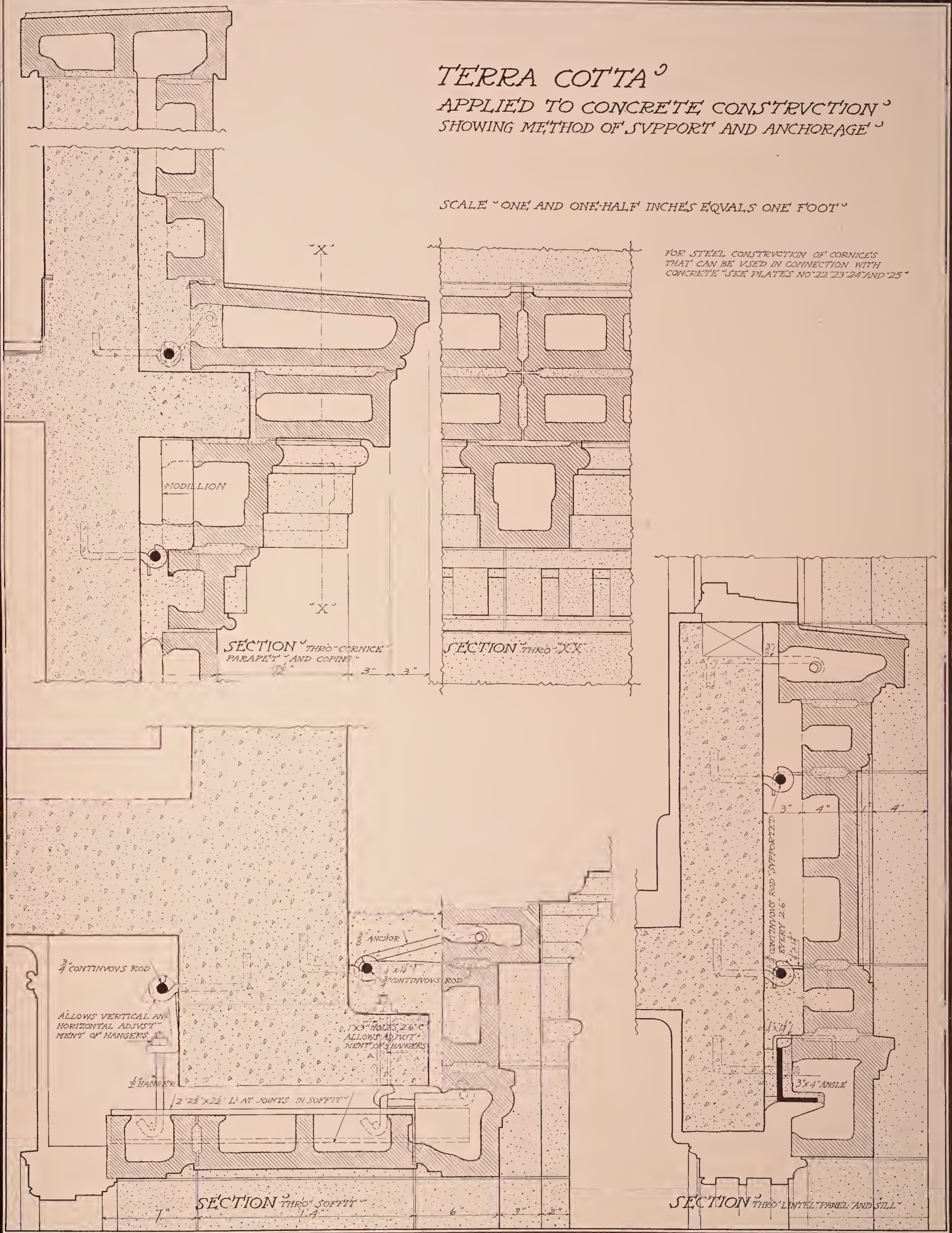
ARCHITECTURAL TERRA COTTA · · · STANDARD CONSTRUCTION



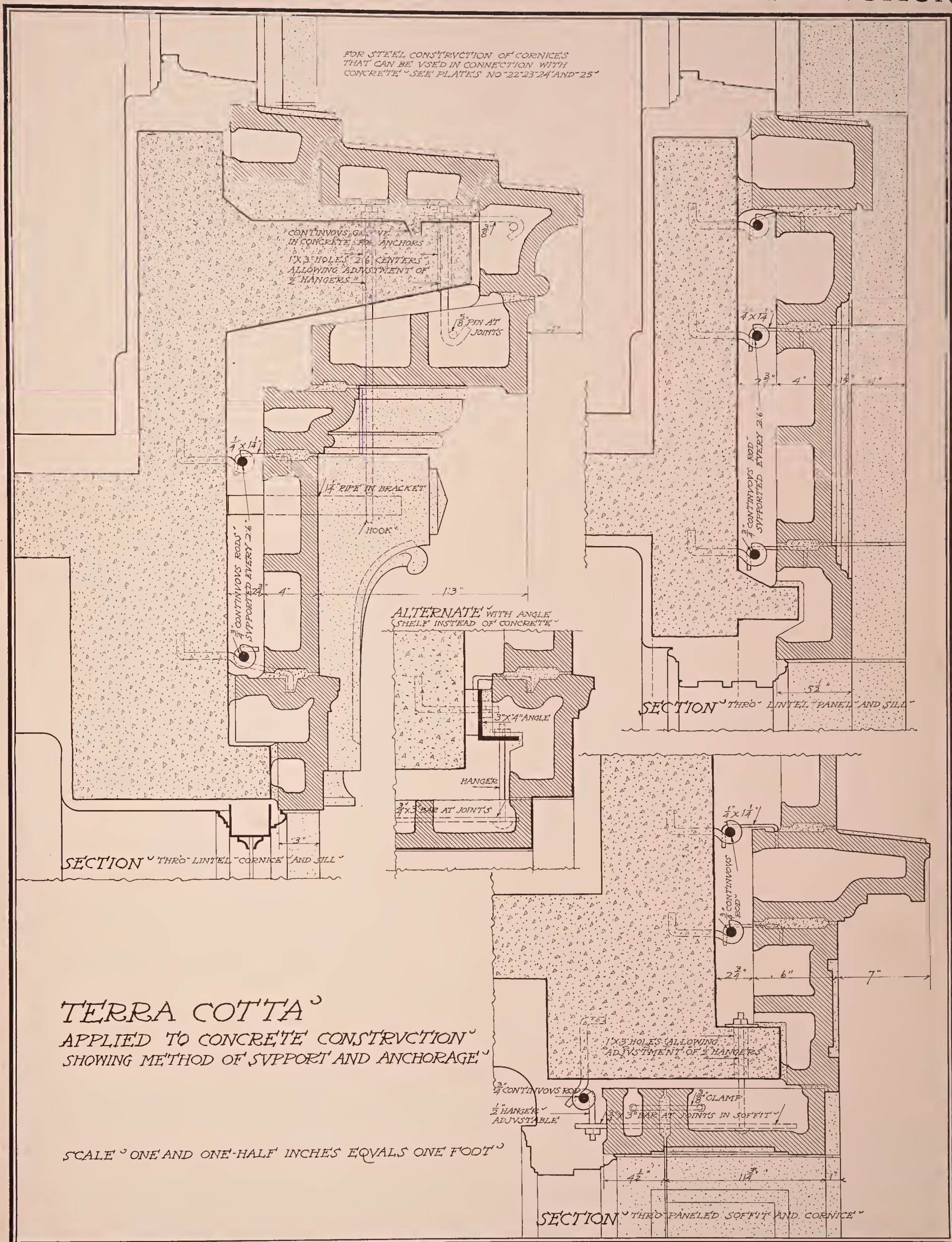
CORNICE
WITH BALUSTRADE
WITH paneled soffits
over columns and pilasters

SCALE THREE QUARTERS OF AN INCH EQUALS ONE FOOT

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ARCHITECTURAL TERRA COTTA · · · STANDARD CONSTRUCTION



SEE PLATES ON COPINGS

CORNICE WITH PARAPET
ASHLAR SILL COURSE AND paneled MVLLION

NOTE: THAT THE PANEL IN MVLLION IS JOINTED VERTICALLY TO ALLOW OF ADJUSTMENT IN ALIGNMENT IN SETTING SEE PLAN THE TOP AND BOTTOM PIECES ARE NOT JOINTED

ALTERNATE CROWN OF LARGE CORNICES JOINTED IN TWO

SCALE ONE-HALF INCH EQUALS ONE FOOT

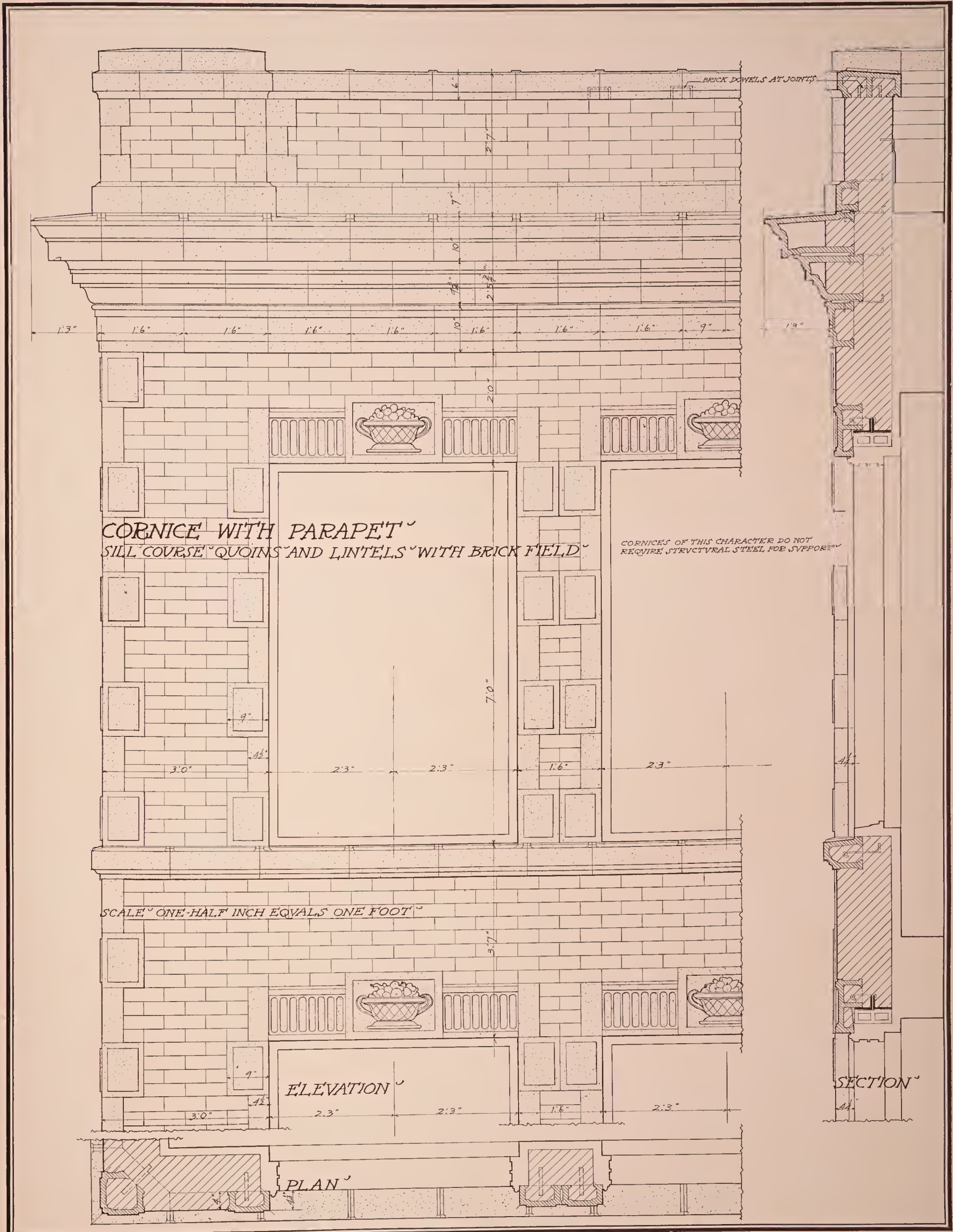
ELEVATION

PLAN

SECTION

Detailed description: This architectural drawing illustrates a cornice with parapet, an ashlar sill course, and a paneled mullion. The elevation view shows a multi-tiered cornice with various moldings and a central paneled mullion. Dimensions are provided for the height of each tier and the overall width. The plan view shows the layout of the mullion and the sill course. The section view shows the profile of the cornice and the mullion. A scale of one-half inch equals one foot is provided. Annotations include 'SEE PLATES ON COPINGS', 'NOTE: THAT THE PANEL IN MVLLION IS JOINTED VERTICALLY TO ALLOW OF ADJUSTMENT IN ALIGNMENT IN SETTING SEE PLAN THE TOP AND BOTTOM PIECES ARE NOT JOINTED', and 'ALTERNATE CROWN OF LARGE CORNICES JOINTED IN TWO'.

ARCHITECTURAL TERRA COTTA · · · STANDARD CONSTRUCTION



CORNICE WITH PARAPET
WITH WINDOW OPENINGS, LINTELS AND SILLS
WITH RUSTICATED ASHLER

1914

SCALE: ONE HALF INCH EQUALS ONE FOOT

COVESES OF THIS CHARACTER SHOULD NOT BE HIGHER THAN HERE SHOWN

PIERS WIDER THAN HERE SHOWN SHOULD BE JOINTED VERTICALLY EVERY OTHER COVSE

ALTERNATE WHERE DEPTH IS SUFFICIENT SUPPORTING ANGLE CAN BE CUT INTO LINTEL AS ABOVE

SEE PLATES ON COPINGS

BRICK DOWELS AT JOINTS

PIN & ANCHORS AT JOINT

BACK OF PANELS BLACK

ELEVATION
SIDE OF CORNICE ETC

ELEVATION
FRONT OF CORNICE WINDOWS PARAPET ETC

SECTION
THRO CORNICE ETC

PLAN THRO WINDOWS AND PIERS

PLAN THRO' WINDOWS ABOVE CORNICE

PLAN THRO' X'X'

ELEVATION SIDE OF RETURN

ELEVATION FRONT VIEW

SECTION THRO' OPENINGS

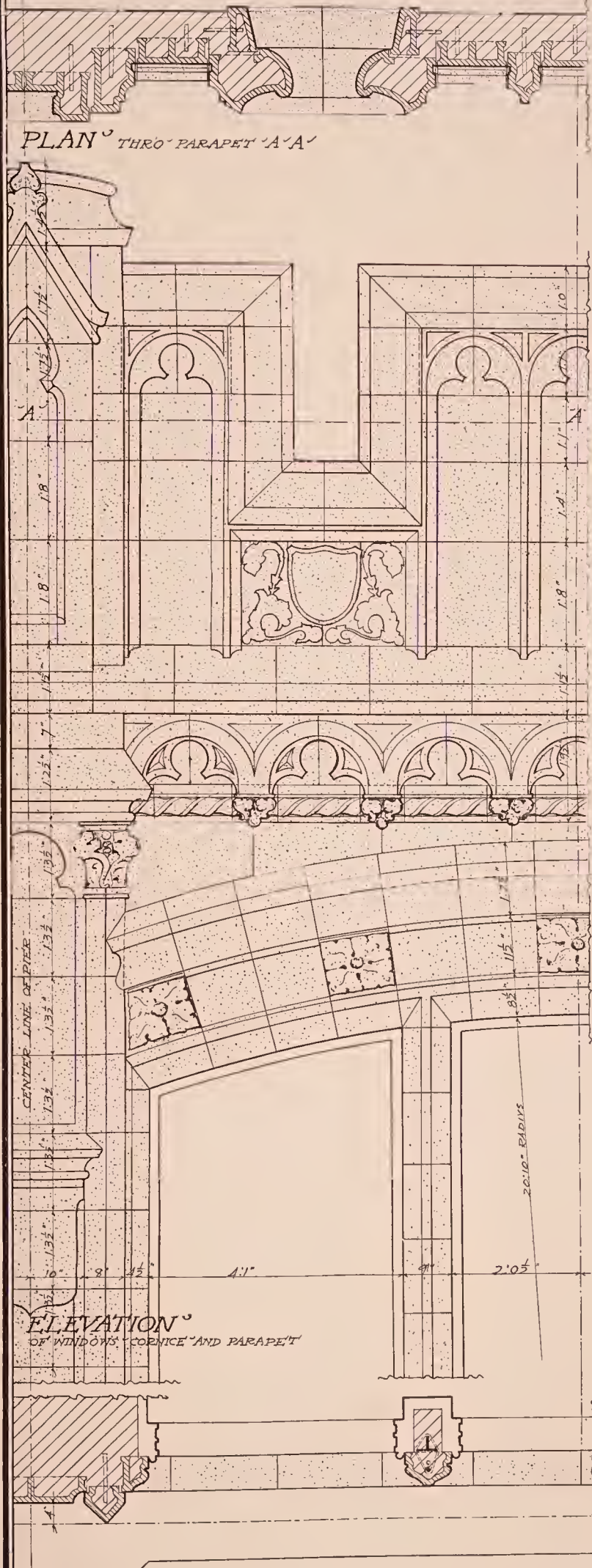
STORE FRONT PIERS AND CORNICE WITH WINDOWS ABOVE

SCALE THREE QUARTERS OF AN INCH EQUALS ONE FOOT

WINDOWS AND CORNICE
WITH BATTLEMENTED PARAPET

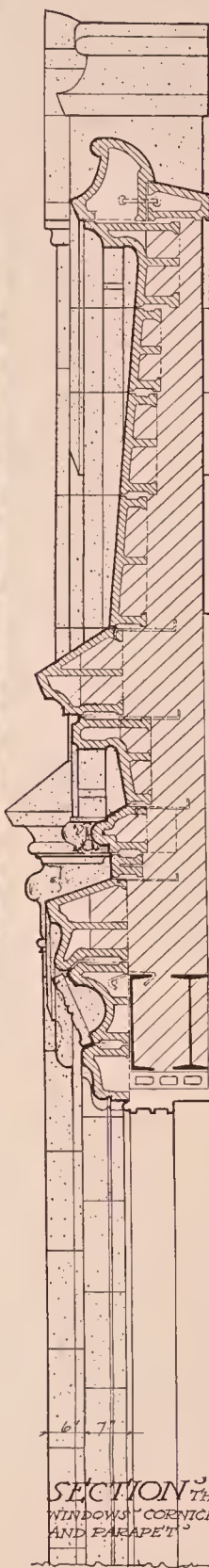
SCALE · THREE EIGHTHS OF AN INCH EQUALS ONE FOOT

PLAN THRO' PARAPET A-A



ELEVATION
OF WINDOWS CORNICE AND PARAPET

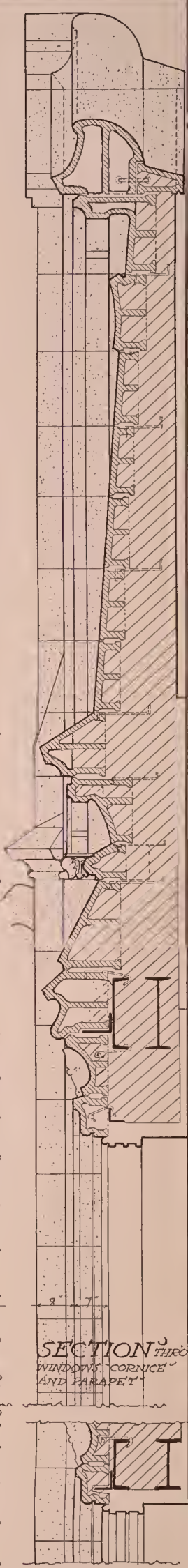
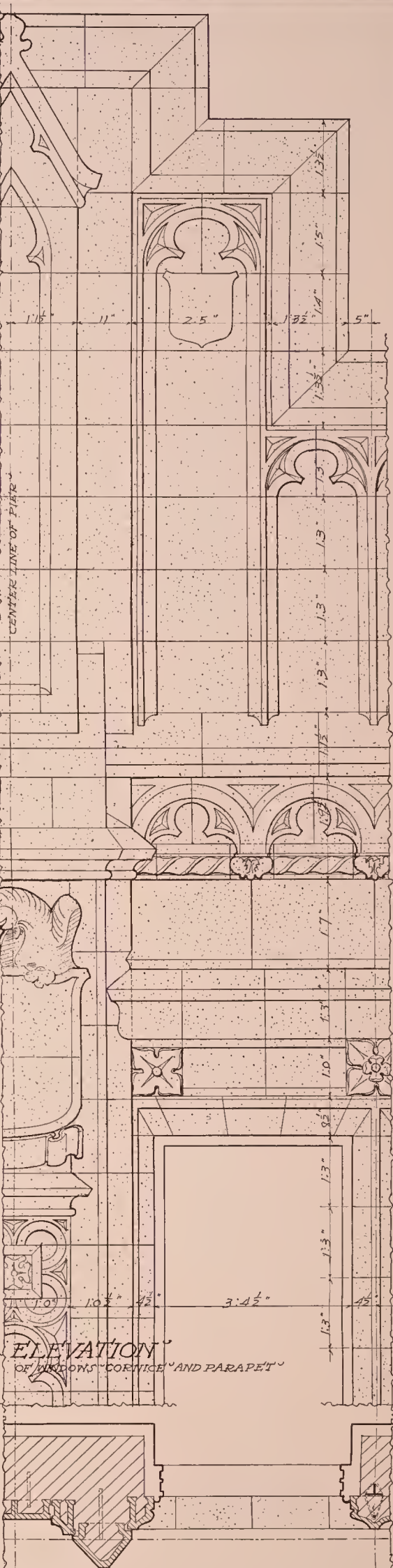
PLAN
THRO' PIER WINDOWS AND MYLLION



SECTION THRO'
WINDOWS CORNICE
AND PARAPET

ELEVATION
OF WINDOWS CORNICE AND PARAPET

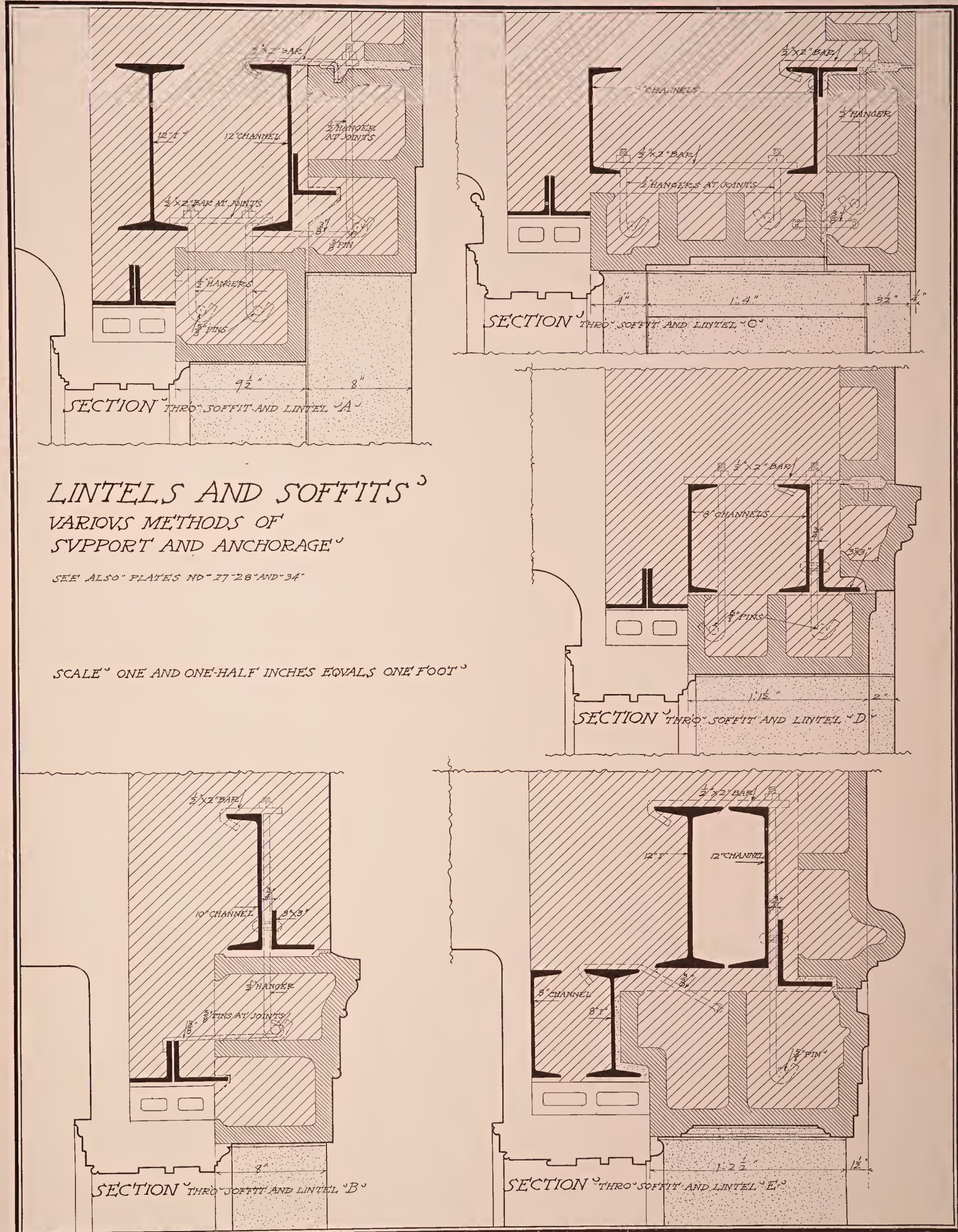
PLAN
THRO' PIER WINDOWS AND MYLLION



ALTERNATE
LINTEL WITHOUT
VOYSSOIRE JOINTS

[illegible]

ARCHITECTURAL TERRA COTTA · · · STANDARD CONSTRUCTION



LINTELS AND SOFFITS
VARIOUS METHODS OF
SUPPORT AND ANCHORAGE

SEE ALSO PLATES NO. 27, 28 AND 34

SCALE ONE AND ONE-HALF INCHES EQUALS ONE FOOT

[illegible]

WITH HALF BALUSTERS UNDER WINDOWS
WITH CORNER PIER CONSTRUCTION

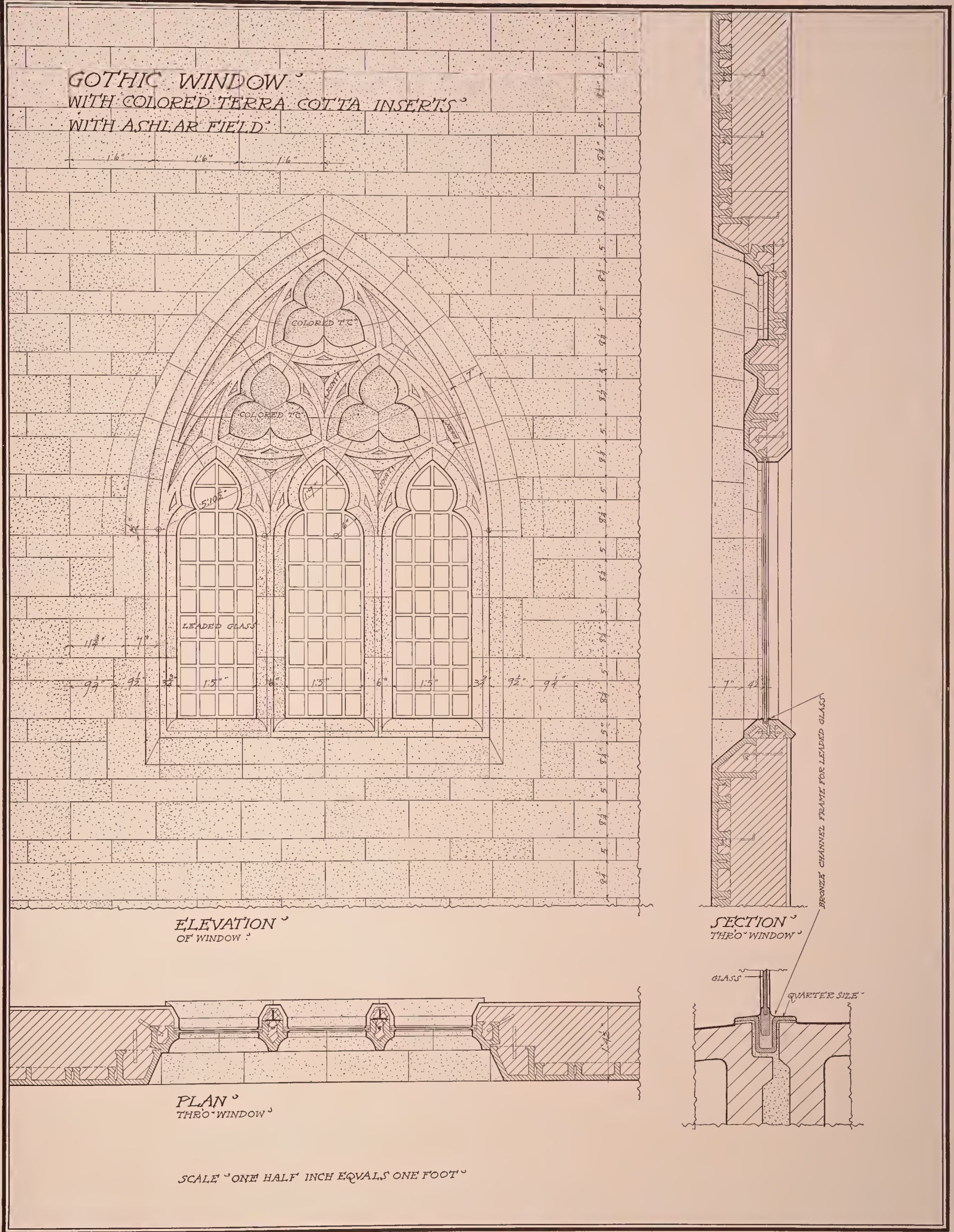
TAKEN BELOW SILL - THRO' BALUSTERS -

SCALE THREE-QUARTERS OF AN INCH EQUALS ONE FOOT

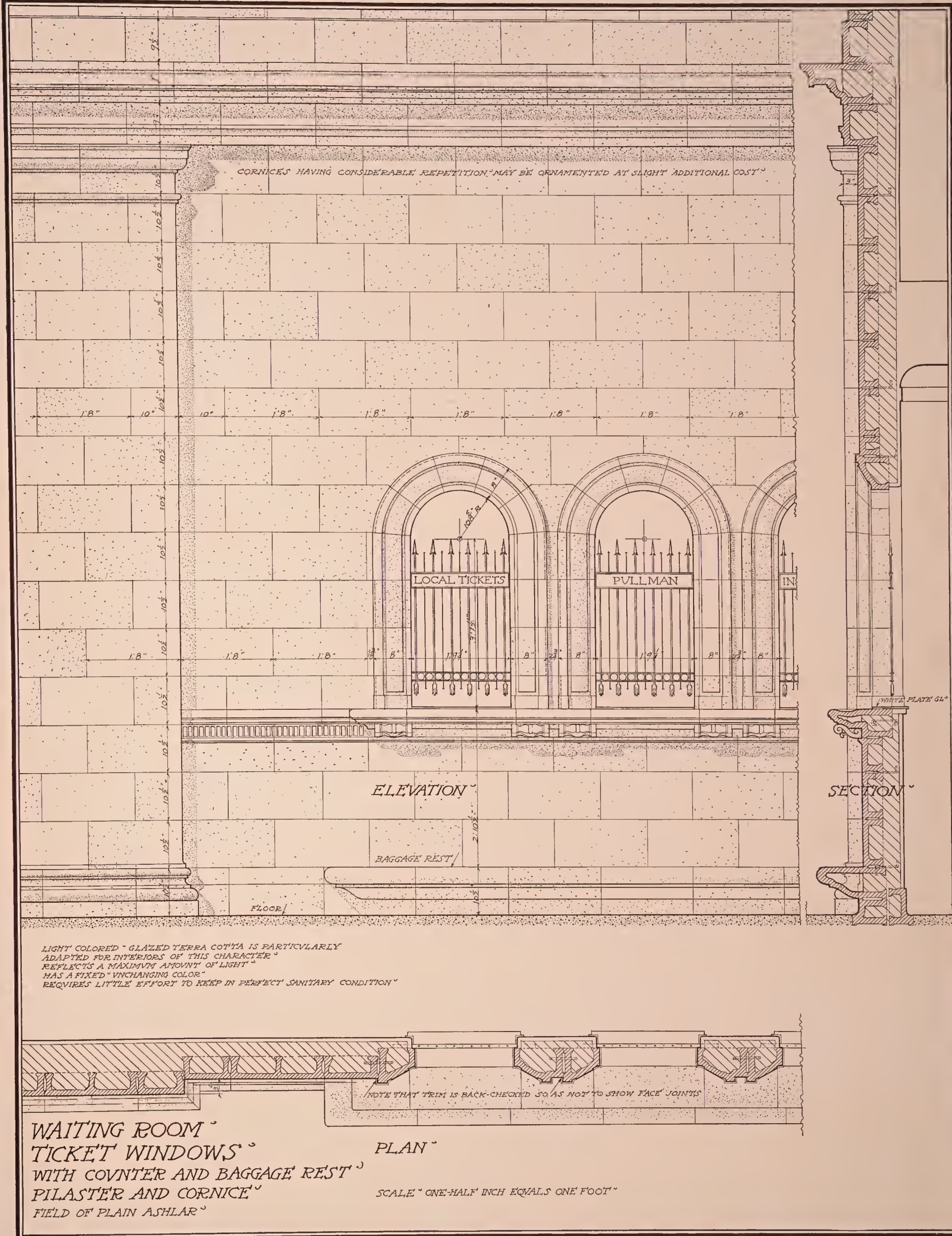
THIS HALF OF LINTEL SHOWN WITH VOUSSOIRS OMITTING HANGERS
 THIS HALF OF LINTEL SHOWN WITH VERTICAL JOINTS WITH HANGERS AND PINS AT JOINTS
 6" CHANNELS
 1/2" DOWELS
 SCALE: ONE HALF INCH EQUALS ONE FOOT
 FLOOR
 CEILING
 3"x4" ANGLE
 SECTION THRO' WINDOWS LOOKING TOWARD JAMB
 ELEVATION EXTERIOR
 ELEVATION INTERIOR
 PLAN THRO' WINDOWS A
 PLAN THRO' WINDOWS B
 GROOVE FOR LEADED GLASS
 1/2" DOWELS
 1 1/2"

[illegible]

ARCHITECTURAL TERRA COTTA . . . STANDARD CONSTRUCTION



ARCHITECTURAL TERRA COTTA · · · STANDARD CONSTRUCTION



MULLIONED AND LOUVRE WINDOWS
WITH TERRA COTTA TRIM AND
RUBBLE STONE FIELD

PLAN
THRO' UPPER OPENINGS

THE VERTICAL JOINTING OF MOULDED MULLIONS OF THIS SIZE ALLOWS OF THE
PERFECT ADJUSTMENT IN ALIGNMENT IN SETTING

ELEVATION

SECTION

RAISED JOINTS ARE NOT REQUIRED
ON INTERIOR WORK

TERRA COTTA WAINSCOT

SANITARY BASE

ALTERNATE LINTEL
CONSTRUCTION ON THE
RELIEVING ARCH

BRONZE CHANNEL FRAME FOR LEADED GLASS

RAISED JOINTS SHOWN USING
SAME MOULD AS FOR EXTERIOR

GLASS

THE VERTICAL JOINTING OF JAMBS, MULLIONS, SILLS AND HEADS
ALLOWS OF THE ADJUSTMENT IN ALIGNMENT OF BOTH EXTERIOR AND INTERIOR SURFACES

JAMBS AND MULLIONS FILLED
BEFORE SETTING

PLAN
THRO' LOWER OPENINGS

SCALE: ONE HALF INCH EQUALS ONE FOOT

ARCHITECTURAL TERRA COTTA · · · STANDARD CONSTRUCTION

WINDOW
WITH MOULDED JAMB AND SILL
WITH INTERIOR TERRA COTTA WAINSCOT

THE VERTICAL JOINTING OF MOULDED JAMBS (PARTLY CONCEALED BY BACK CHECKING) AS SHOWN PERMITS OF ADJUSTMENT IN ALIGNMENT IN SETTING

PLAN

ELEVATION

SILL EXTENDS INTO JAMB WITH SEATS AT "A" "B" AND "C" TO PREVENT LEAKAGE

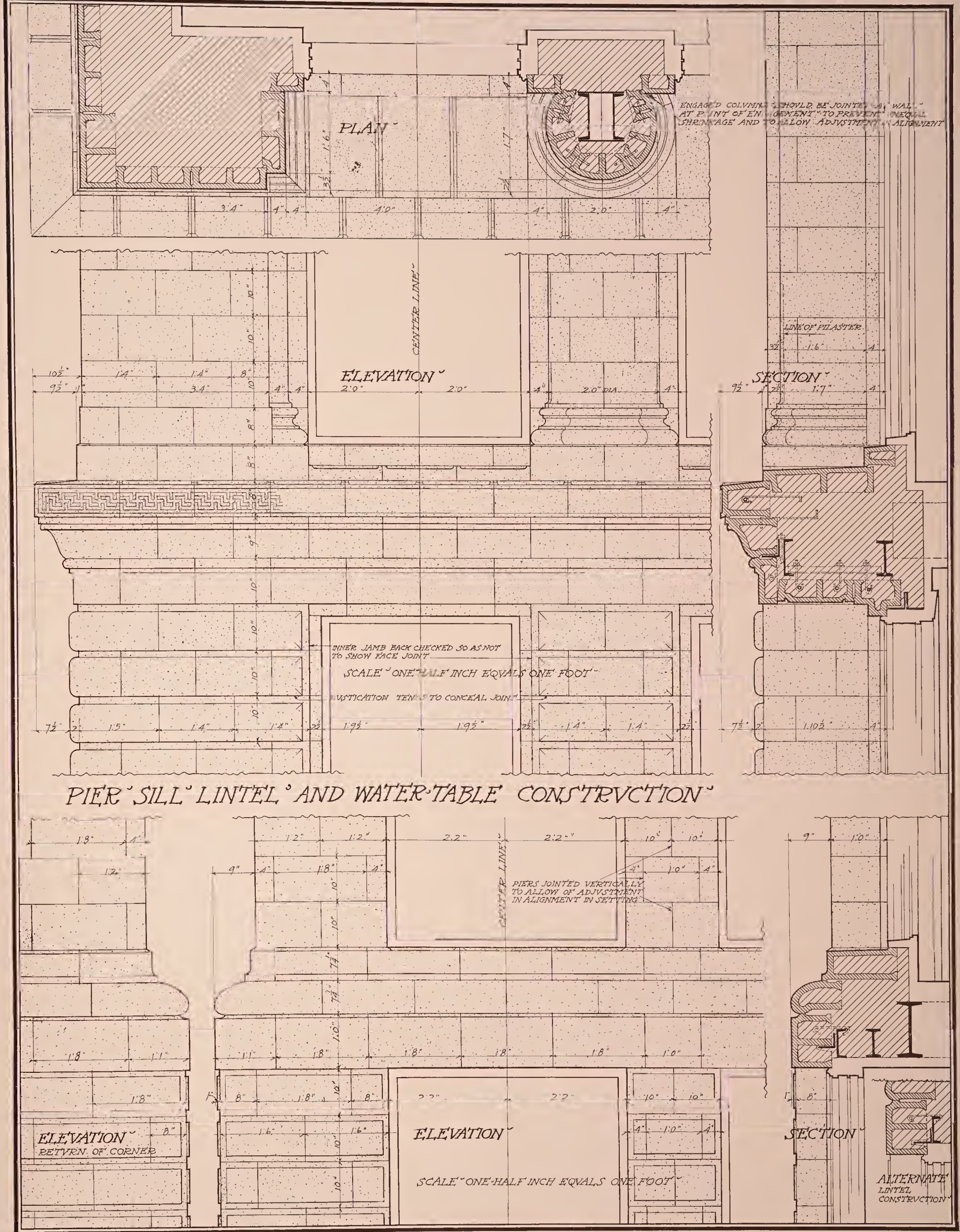
SCALE "THREE-QUARTERS" OF AN INCH EQUALS ONE FOOT

SECTION

BRONZE CHANNEL FRAME IN GROOVE FOR LEADED GLASS TO PREVENT LEAKAGE SEE PLATE NO 42

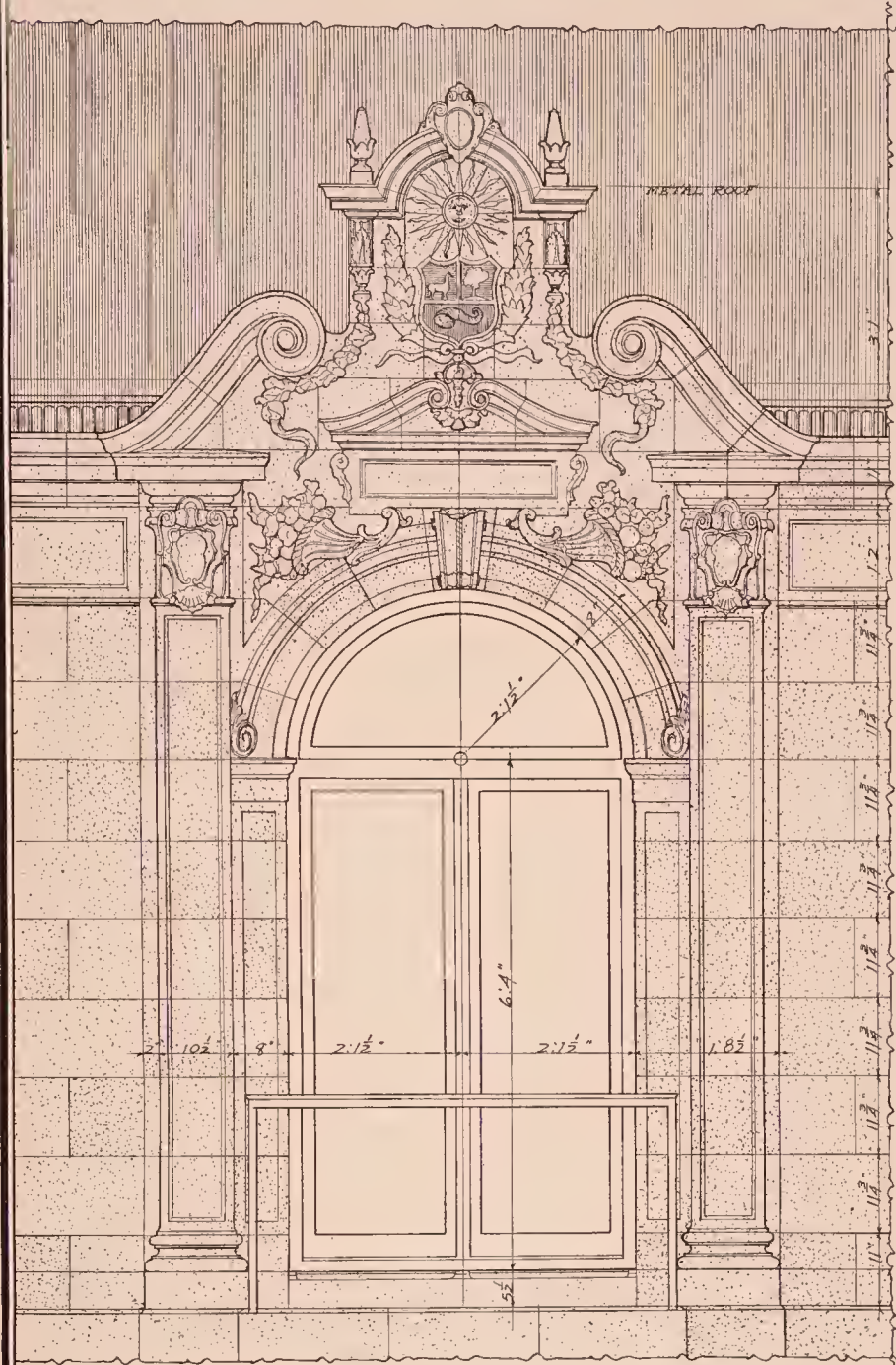
SILL'S FILLED BEFORE SETTING

ARCHITECTURAL TERRA COTTA · · · STANDARD CONSTRUCTION

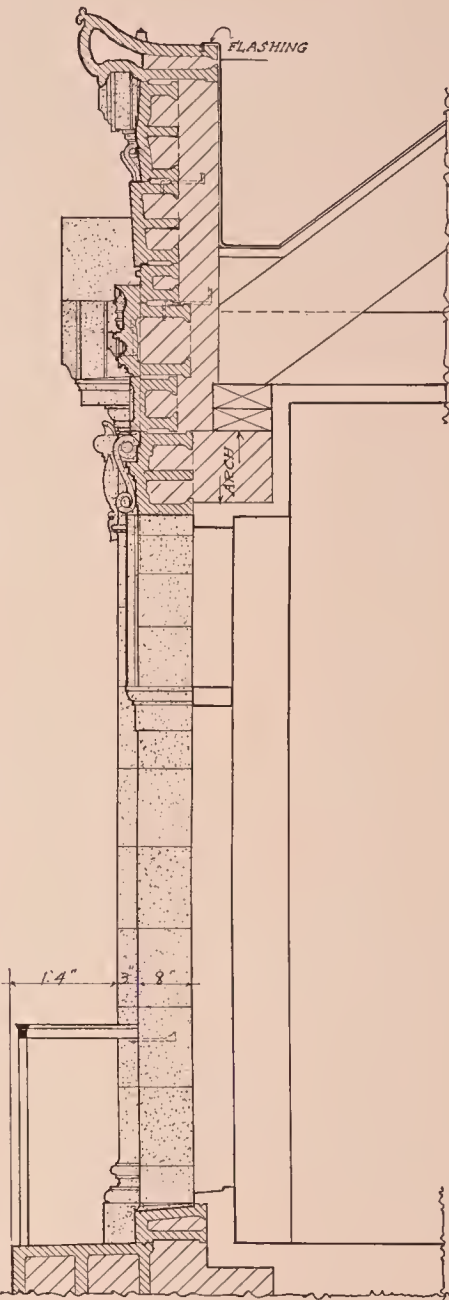


ARCHITECTURAL TERRA COTTA · · · STANDARD CONSTRUCTION

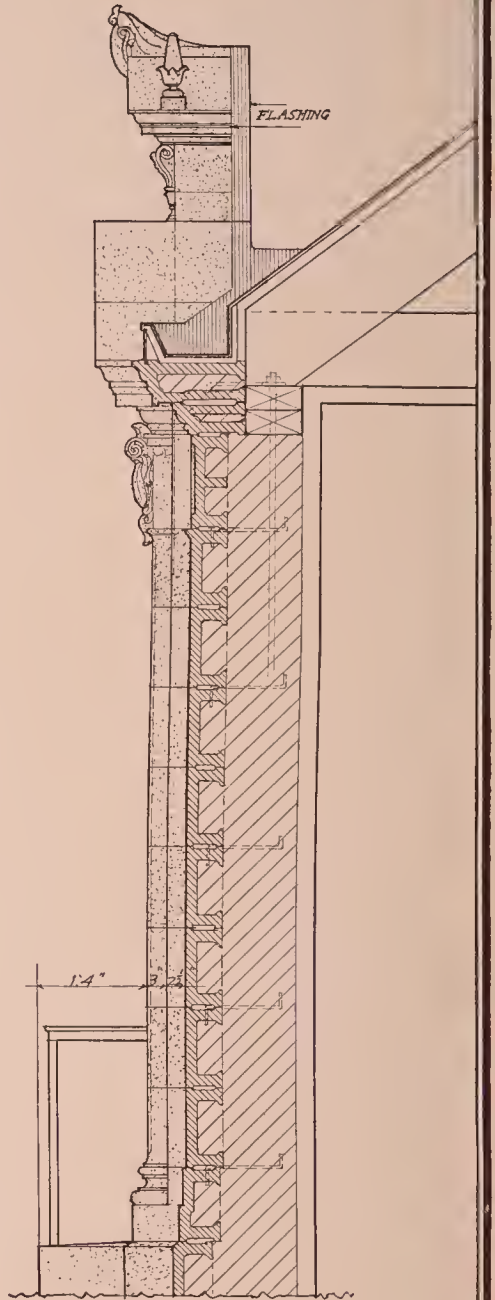
ATTIC STORY WINDOW WITH PILASTERS ARCH PEDIMENT AND BALCONY



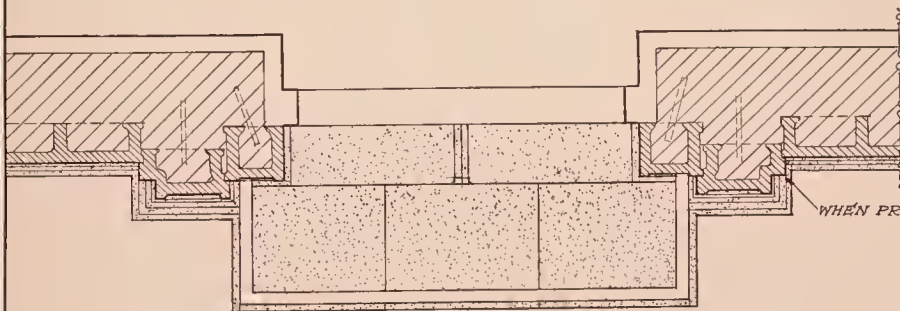
ELEVATION
FRONT OF WINDOW



SECTION
THRO' WINDOW



SECTION
THRO' SIDE

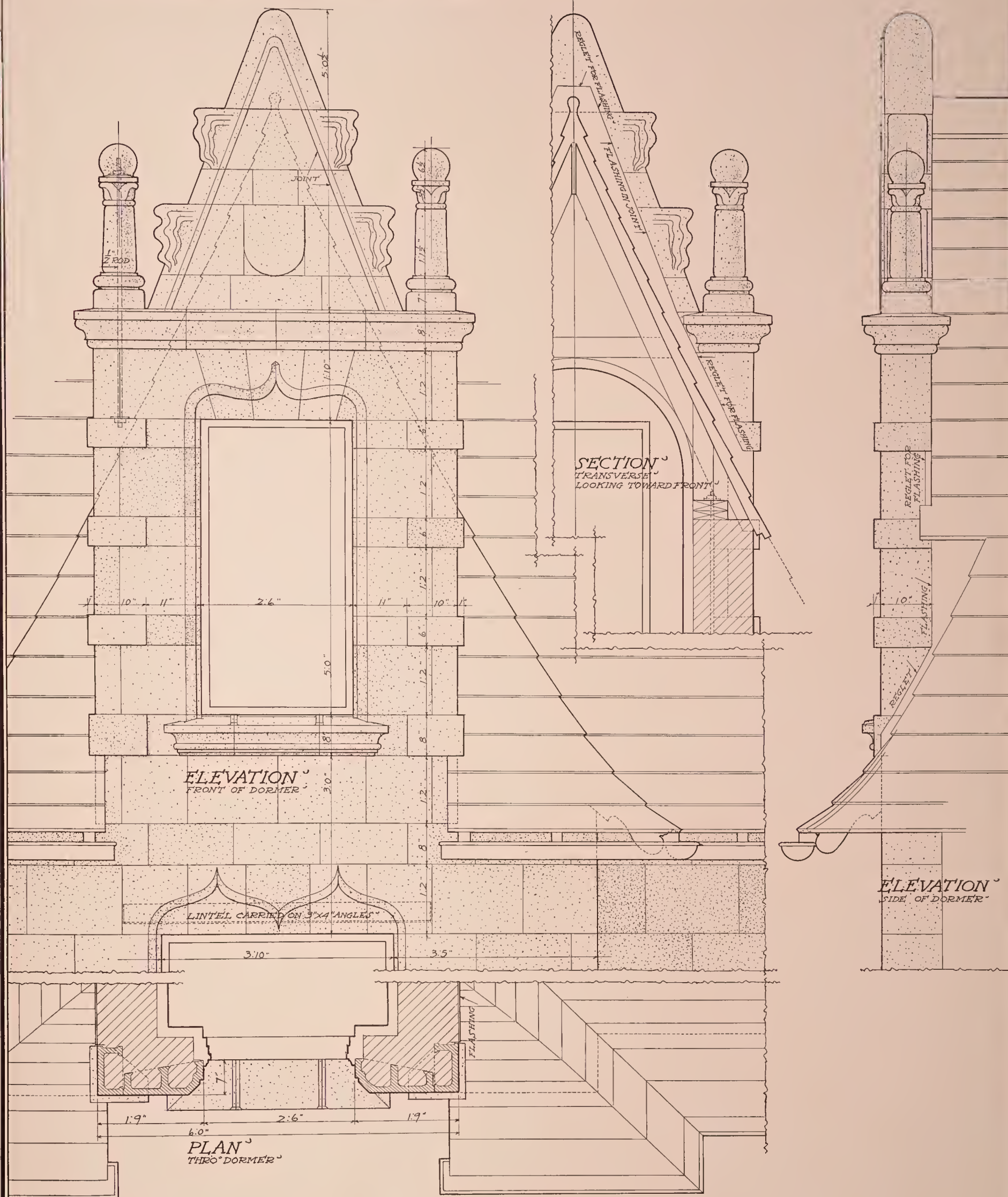


PLAN
THRO' WINDOW

SCALE · THREE EIGHTHS OF AN INCH EQUALS ONE FOOT

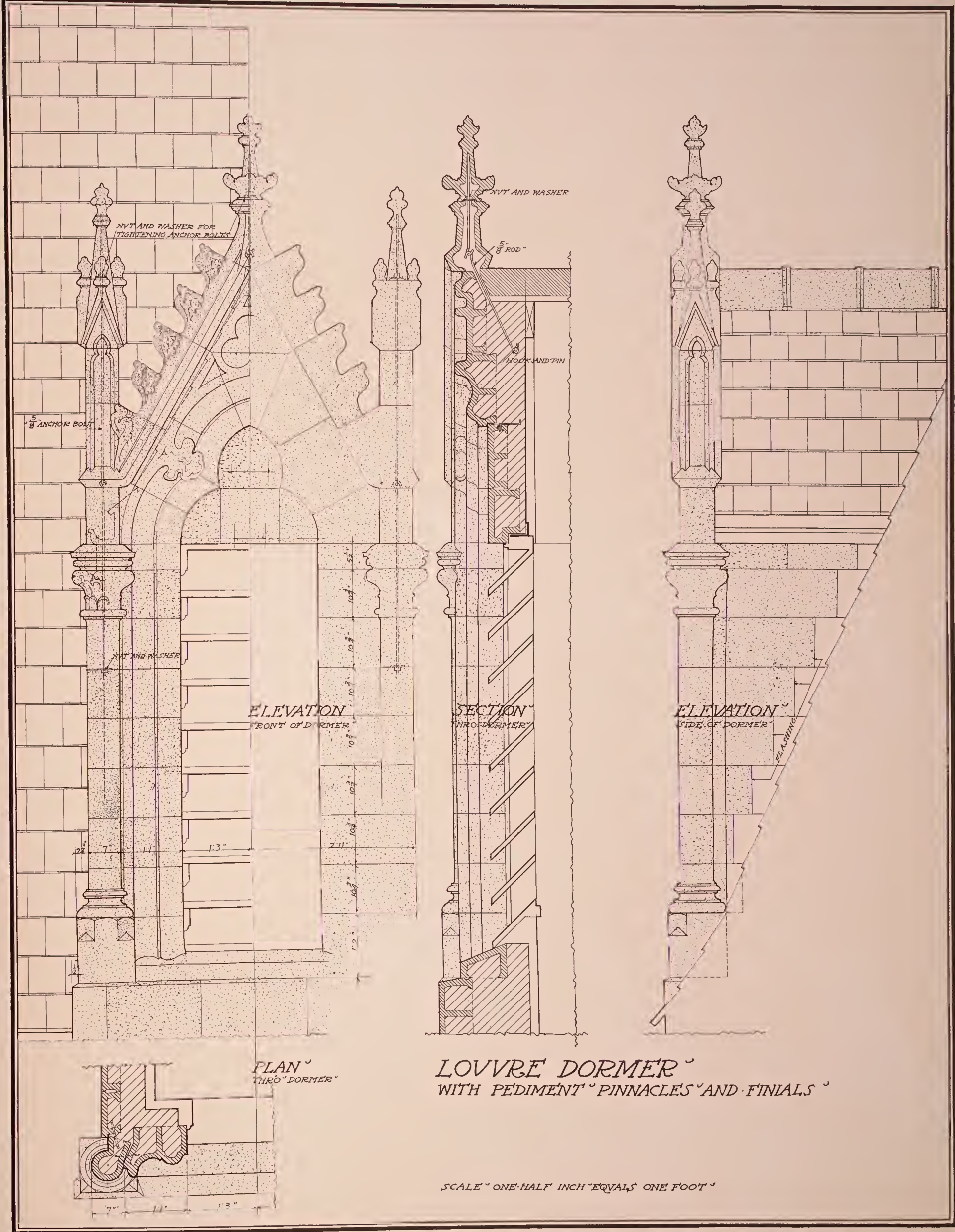
ARCHITECTURAL TERRA COTTA · · · STANDARD CONSTRUCTION

DORMER WITH PEDIMENT CORNICE AND FINIALS



SCALE ONE HALF INCH EQUALS ONE FOOT

ARCHITECTURAL TERRA COTTA · · · STANDARD CONSTRUCTION



LOUVRE DORMER
WITH PEDIMENT · PINNACLES · AND · FINIALS ·

SCALE · ONE · HALF · INCH · EQUALS · ONE · FOOT ·

This architectural drawing illustrates a niche with moulded trim and cornice, presented in three views: elevation, section, and plan.

ELEVATION SIDE OF NICHE SECTION THRO' WALL: This view shows the side profile of the niche, highlighting the wall's thickness and the integration of the niche's structure. Dimensions include a total height of 13' and a base width of 2' 1/2".

ELEVATION FRONT OF NICHE: This view shows the front facade of the niche. It features a semi-circular archway framed by a decorative cornice and pilasters. The arch is supported by a base. Dimensions include a total height of 13', a base width of 6' 1/2", and a base depth of 1' 1/2".

SECTION THRO' NICHE: This view shows a cross-section of the niche, revealing the internal structure and the brick arch. Dimensions include a total height of 13', a base width of 6' 1/2", and a base depth of 1' 1/2".

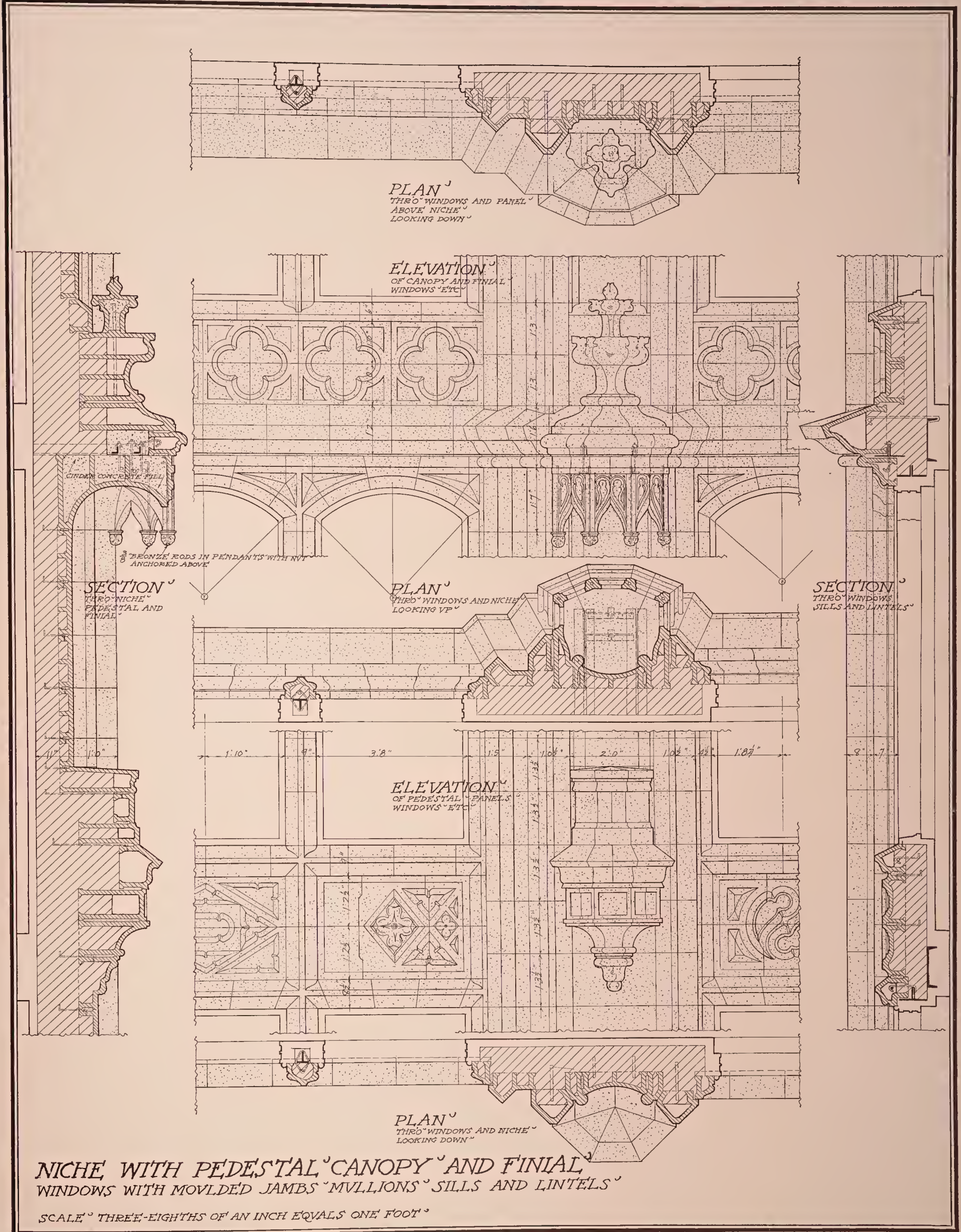
SCALE ONE-HALF INCH EQUALS FOOT: This scale indicates that 1/2 inch on the drawing represents 1 foot in actual size.

NICHE WITH MOULDED TRIM AND CORNICE: This is the title of the drawing, describing the subject of the architectural study.

PLAN THRO' NICHE: This view shows the plan of the niche, illustrating the semi-circular arch and the surrounding wall structure. Dimensions include a total width of 6' 1/2" and a base depth of 1' 1/2".

[illegible]

ARCHITECTURAL TERRA COTTA · · · STANDARD CONSTRUCTION



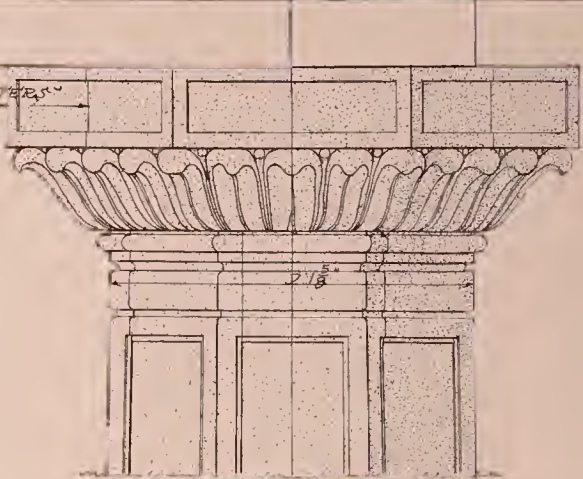
ARCHITECTURAL TERRA COTTA · · · STANDARD CONSTRUCTION

OCTAGON COLUMN³
WITH CAPITAL AND BASE³

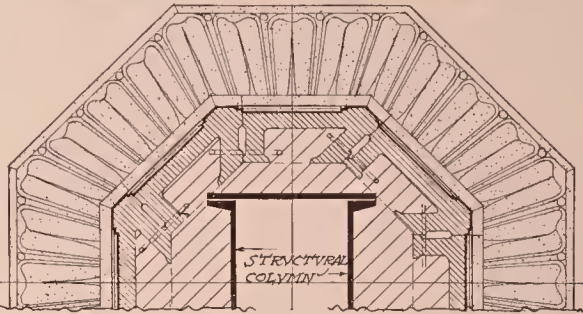
ABACUS JOINED INTO VENTILATES³

ELEVATION³
CAPITAL OF COLUMN³

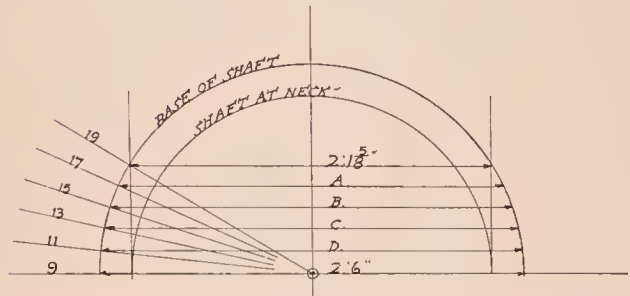
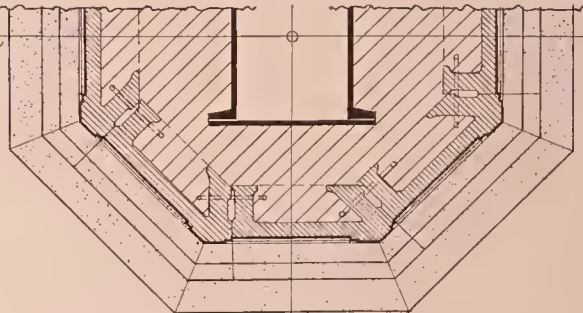
SCALE³ THREE-QUARTERS OF AN INCH EQUALS ONE FOOT³



PLAN³ THRO' NECK³
LOOKING UP³

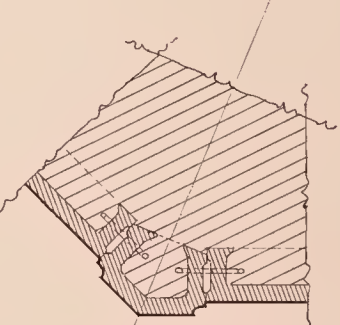
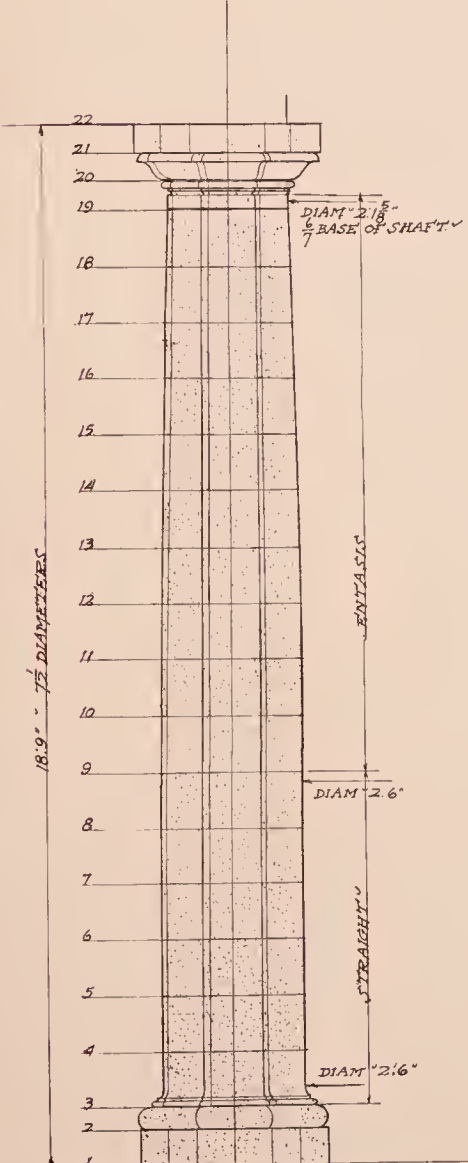


PLAN³ THRO' BOTTOM³
LOOKING DOWN³



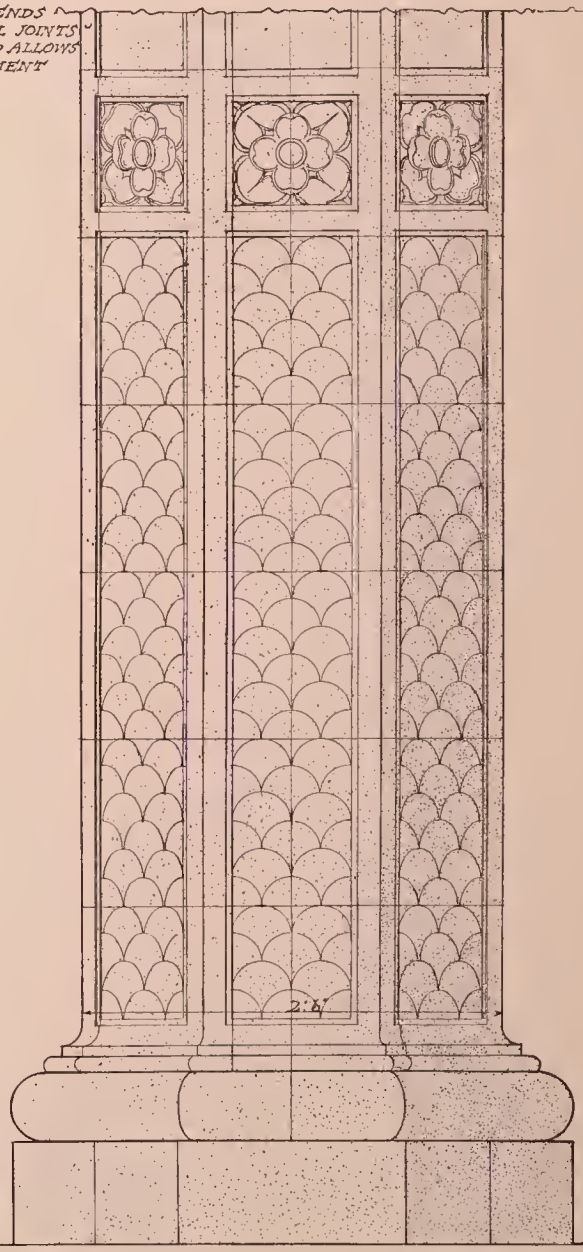
DIAGRAM³ OF METHOD FOR OBTAINING ENTASIS OF SHAFT³
LAY OUT ACCURATELY TO FULL SIZE OF COLUMN³
A B C AND D CAN THEN BE ACCURATELY MEASURED³
GIVING THE DIAMETERS AT 11 13 15 AND 17³

THE SHAFT AS JOINED TENDS
TO CONCEAL THE VERTICAL JOINTS³
PERMITS CLOSE FITTING AND ALLOWS
OF ADJUSTMENT IN ALIGNMENT
IN SETTING³



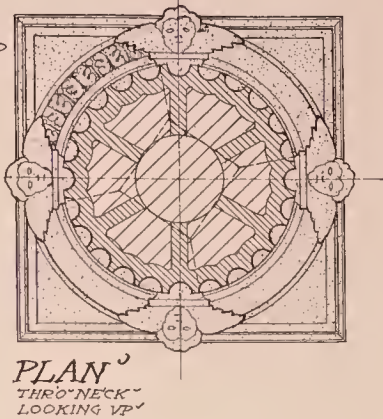
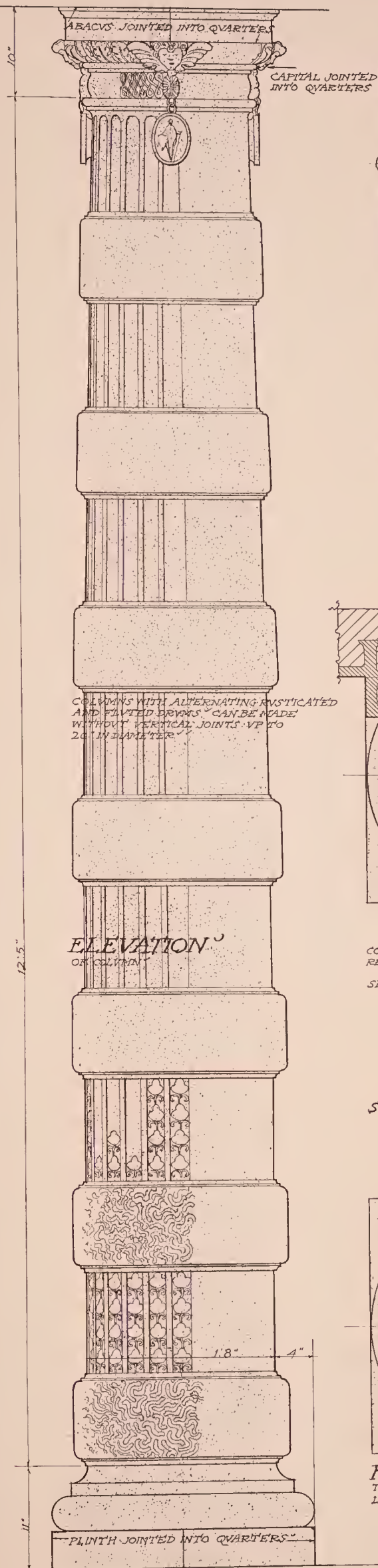
THE MOULDED CORNERS
OF LARGE COLUMNS
SHOULD BE JOINED
SEPARATE³

ELEVATION³
BASE OF COLUMN³

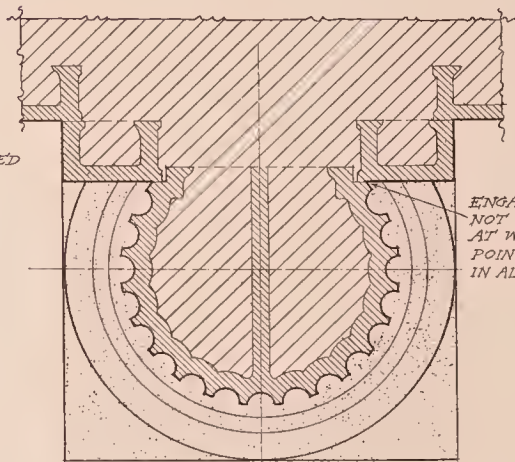


SCALE³ ONE-QUARTER OF AN INCH EQUALS ONE FOOT³

ARCHITECTURAL TERRA COTTA · · · STANDARD CONSTRUCTION



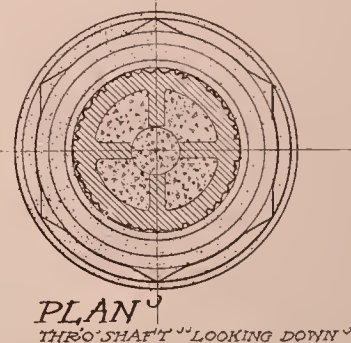
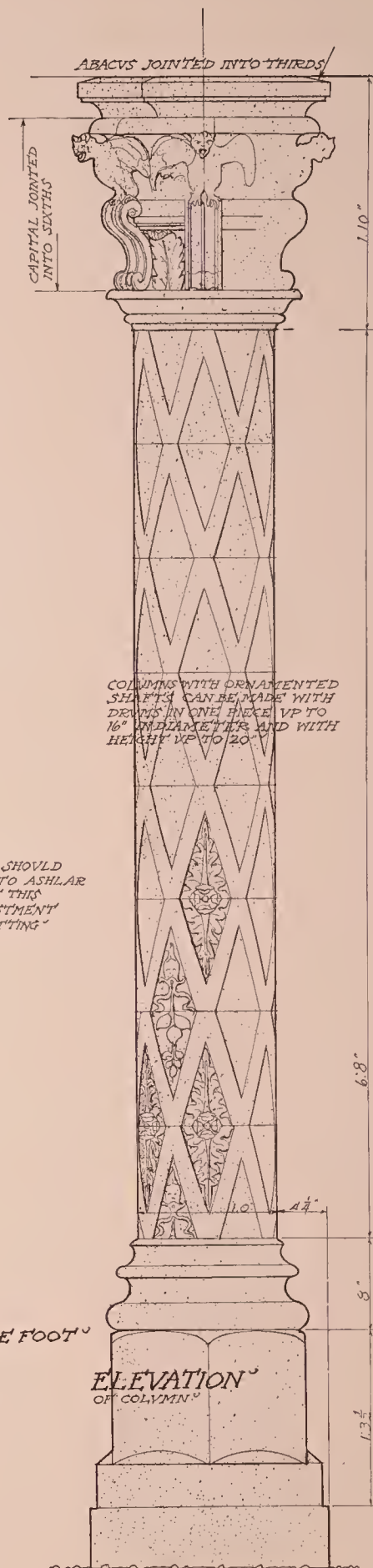
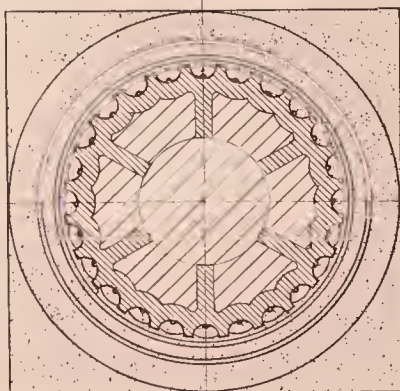
COLUMNS WITH RUSTICATED AND ORNAMENTED SHAFTS



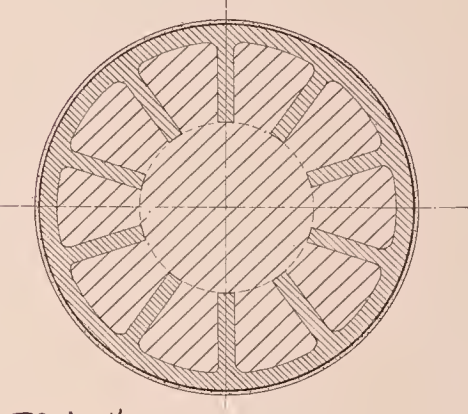
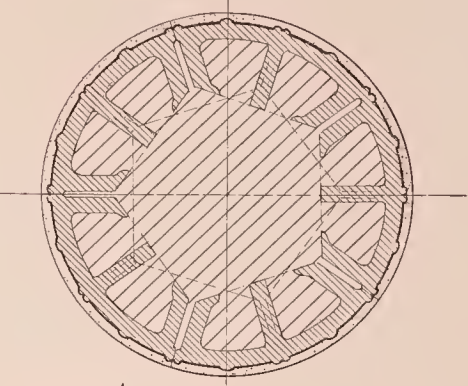
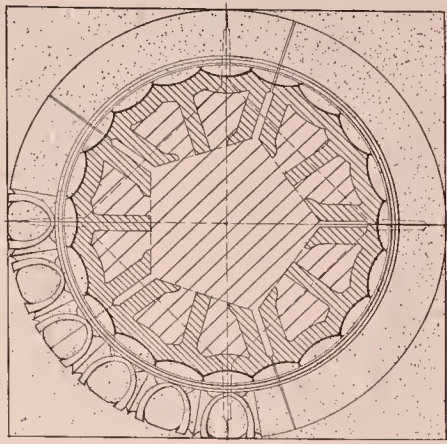
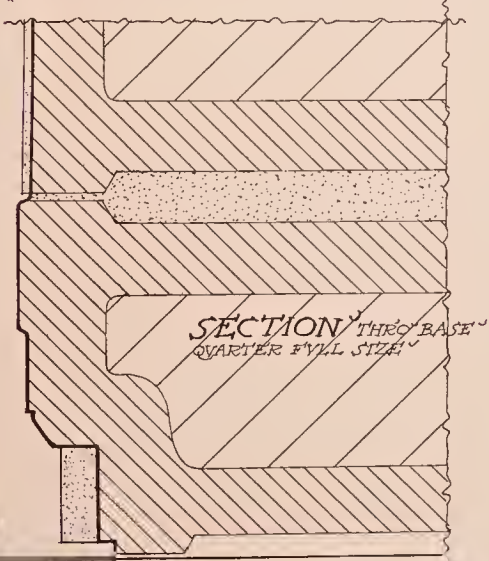
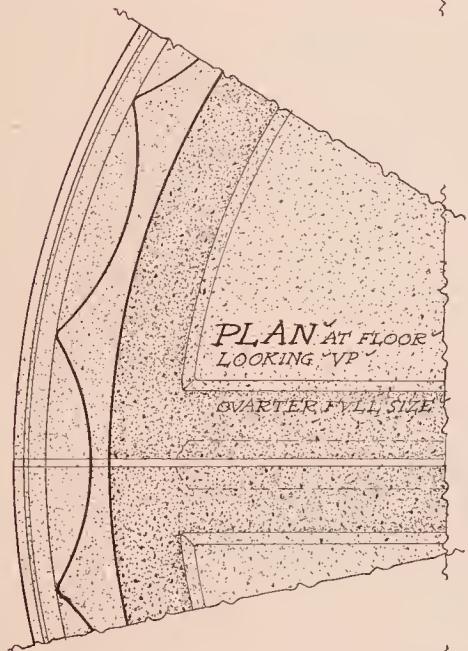
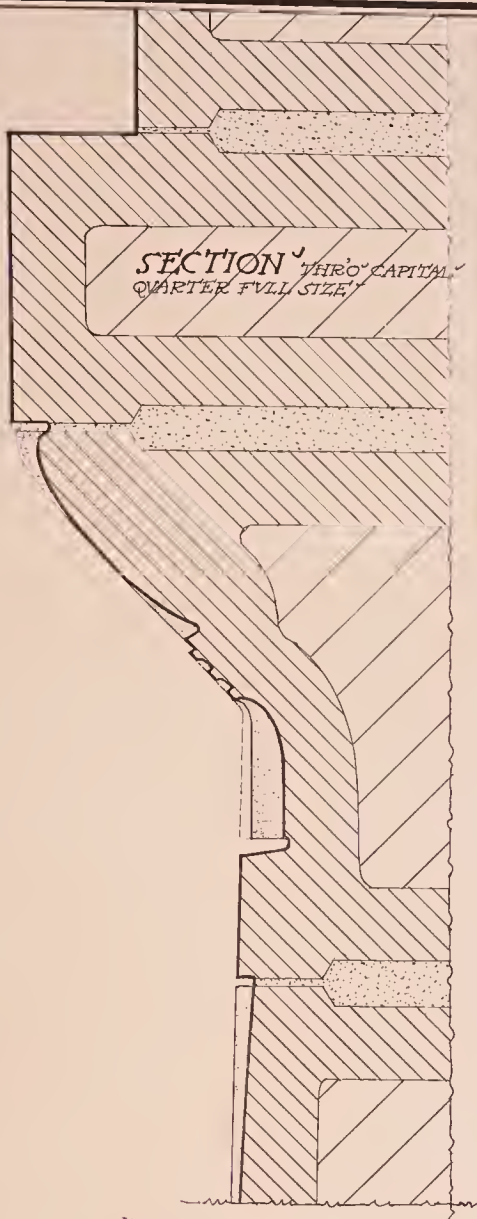
COLUMNS WITH STRUCTURAL CORES WOULD OF COURSE REQUIRE THE VERTICAL JOINTING OF ALL DRUMS

SEE ALSO PLATES NO 56 AND 57

SCALE THREE QUARTERS OF AN INCH EQUALS ONE FOOT



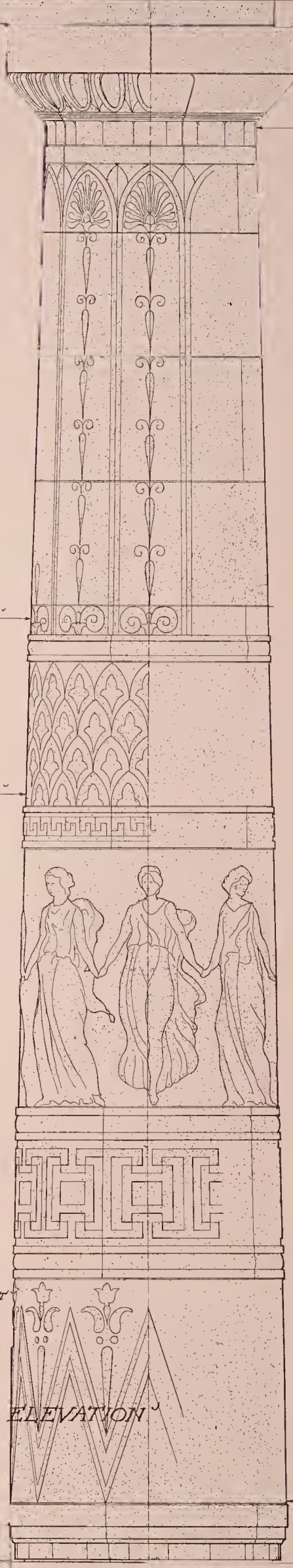
ARCHITECTURAL TERRA COTTA · · · STANDARD CONSTRUCTION



COLUMNS OF THIS CHARACTER CAN BE MADE WITH THE ALTERNATE DRUMS IN ONE PIECE UP TO 30" IN DIAMETER. IF THE INTERMEDIATE DRUMS ARE JOINTED VERTICALLY, HAVE BANDS CUTTING THE LINE OF ENTASIS, AND HAVE 2" HORIZONTAL JOINTS, WHICH WILL ALLOW ADJUSTMENT IN ALIGNMENT IN SETTING. COLUMNS WITH STRUCTURAL CORE WOULD OF COURSE REQUIRE THE VERTICAL JOINTING OF ALL DRUMS. SEE ALSO PLATES NO 56 AND 57.

SCALE
THREE QUARTERS OF AN INCH EQUALS ONE FOOT

DORIC ORDER



ABACUS JOINTED IN QUARTERS

DIAM 1' 10 1/2"

A

B

14'3" = 11 MODULES 12 PARTS

DIAM 2'6" TW. MODULES

ONE MODULE = HALF DIAMETER = 30 PARTS

ARCHITECTURAL TERRA COTTA · · · STANDARD CONSTRUCTION

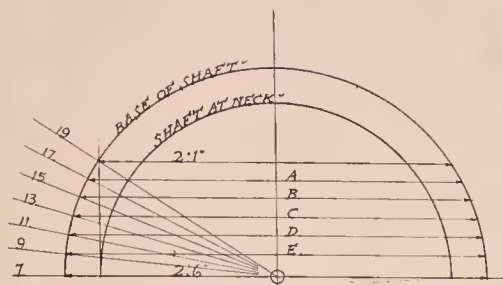
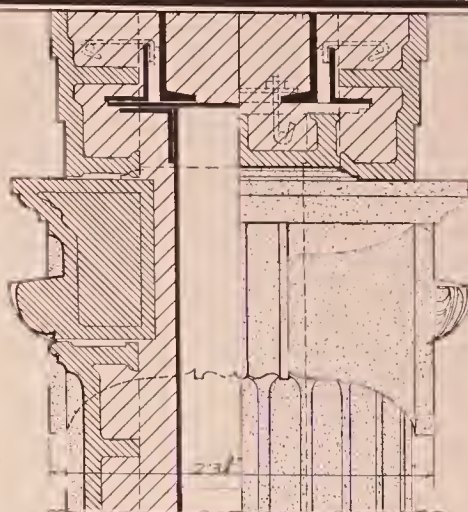
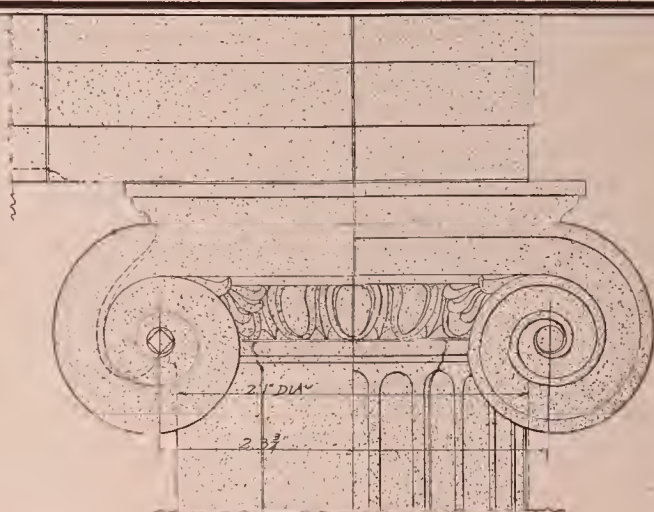


DIAGRAM OF METHOD FOR OBTAINING ENTASIS OF SHAFT
LAY OUT ACCURATELY TO FULL SIZE OF COLUMN
A B C D AND E CAN THEN BE ACCURATELY MEASURED
GIVING THE DIAMETERS AT 9" 11" 13" 15" 17" AND 19"

COLUMNS OF THIS CHARACTER CAN BE MADE WITH DRUMS
IN ONE PIECE UP TO 16" IN DIAMETER AND IN HEIGHT
UP TO 20" THE HEIGHT OF DRUMS WOULD GENERALLY
BE GOVERNED BY THE PROPER JOINTING OF COLUMN WITH
ADJOINING WORK AND FOR APPEARANCE
COLUMNS WITH STRUCTURAL CORES WOULD OF COURSE
REQUIRE THE VERTICAL JOINTING OF DRUMS
SEE ALSO PLATES NO 56 AND 57

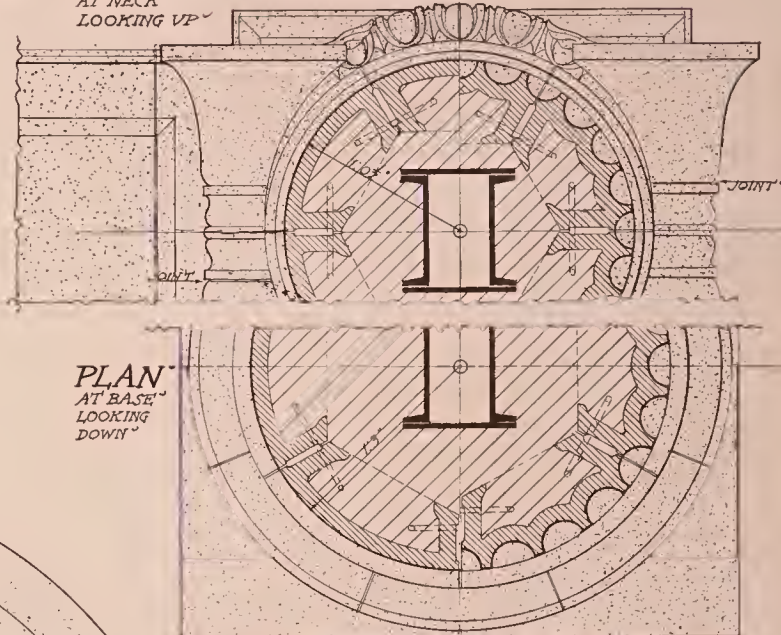


SECTION THROUGH CAPITAL
ELEVATION SIDE OF CAPITAL

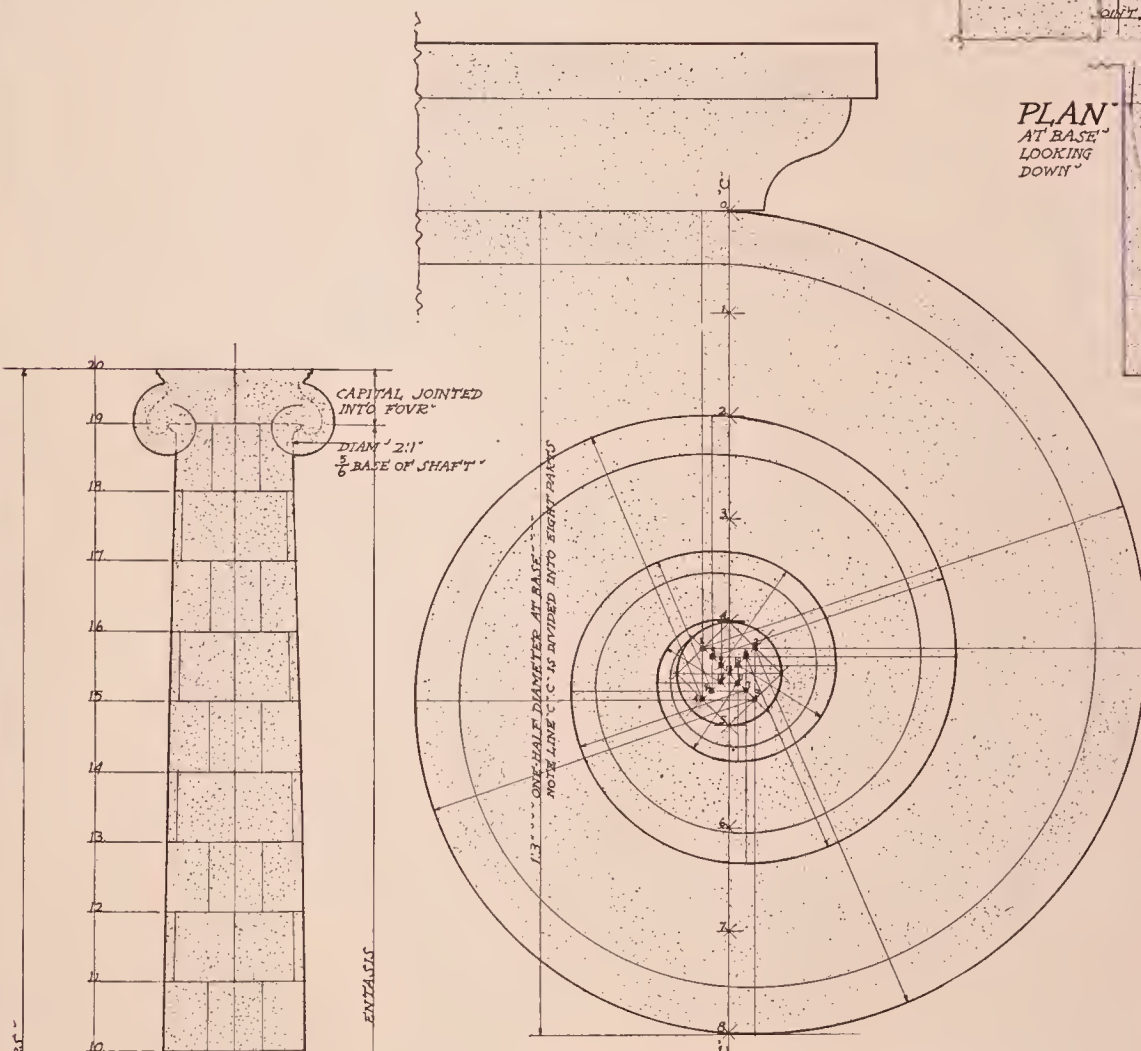


PLAN AT NECK
LOOKING UP

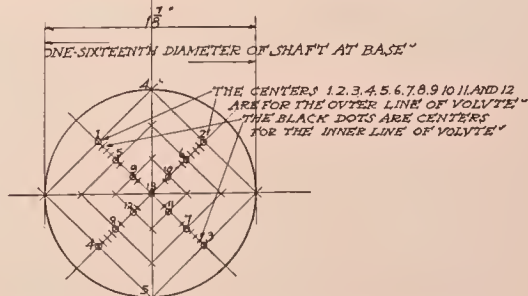
ELEVATION FRONT OF CAPITAL



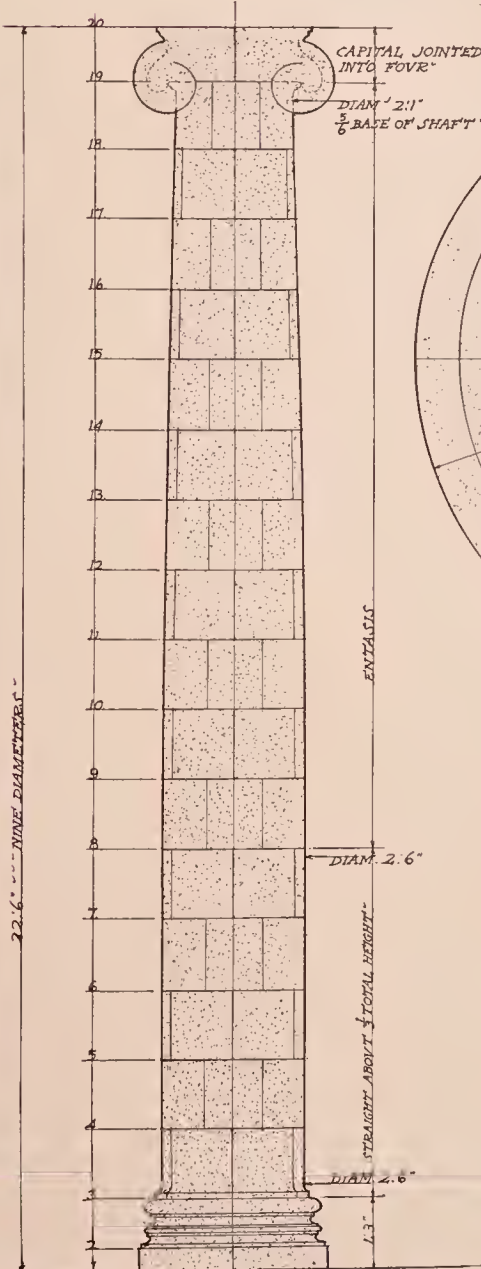
PLAN AT BASE
LOOKING DOWN



VOLUTE QUARTER FULL SIZE DIAGRAM



COMPASS CENTERS HALF FULL SIZE DIAGRAM
FOR LAYING OUT VOLUTE ABOVE

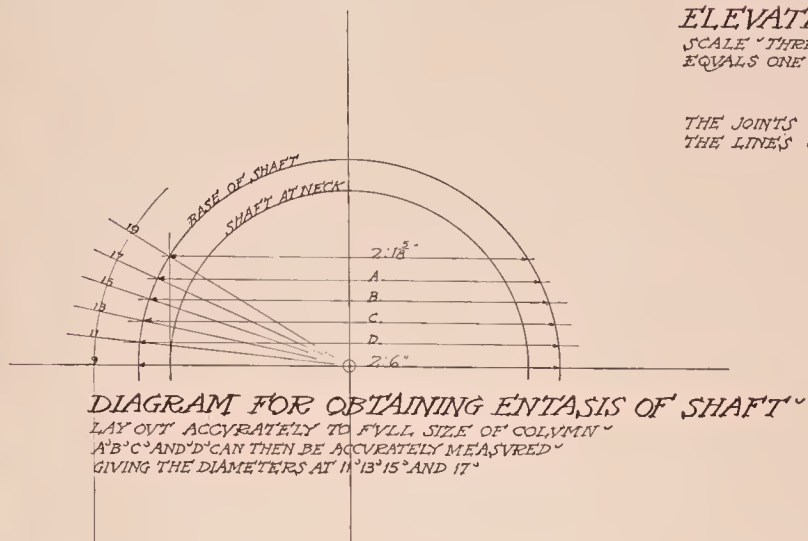


SCALE ONE QUARTER INCH EQUALS ONE FOOT



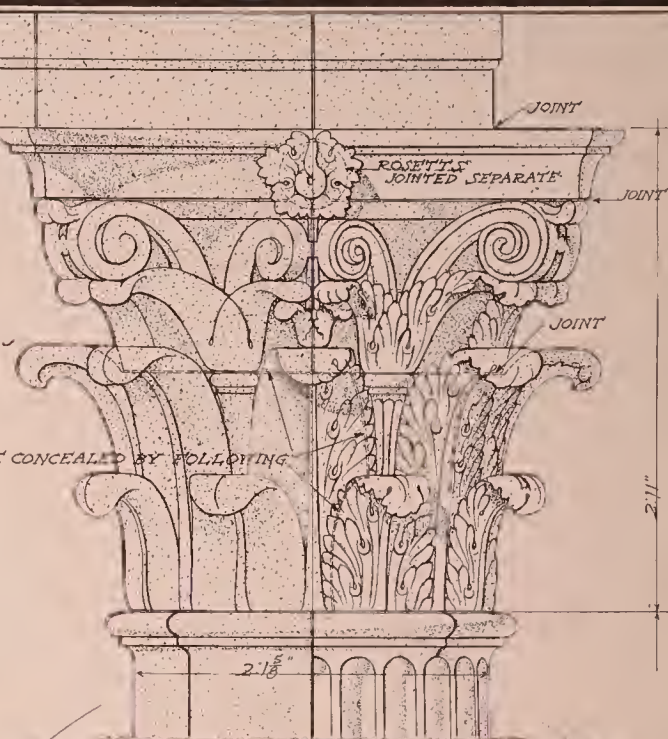
SCALE THREE QUARTERS OF AN INCH EQUALS ONE FOOT

ARCHITECTURAL TERRA COTTA · · · STANDARD CONSTRUCTION



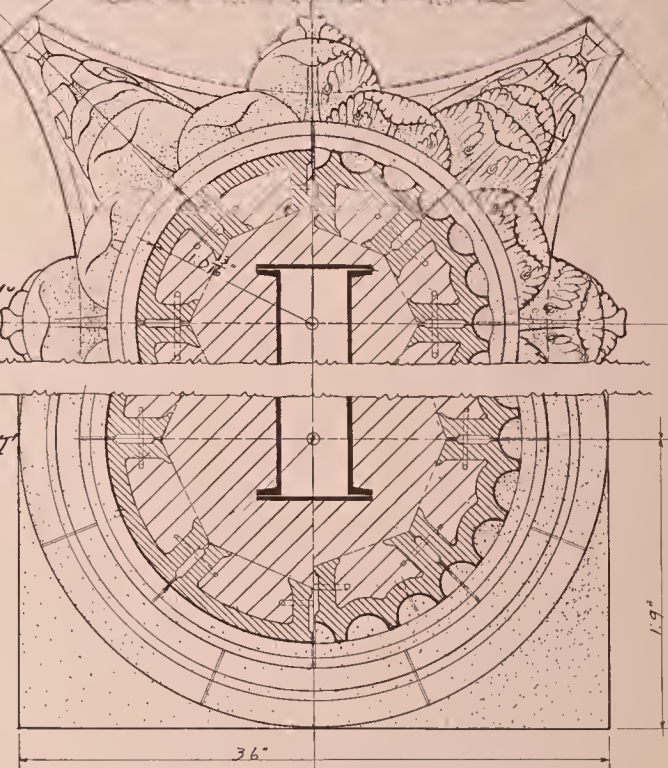
ELEVATION OF CAPITAL
SCALE THREE-QUARTERS OF AN INCH
EQUALS ONE FOOT

THE JOINTS IN LARGE CAPITALS MAY BE CONCEALED BY FOLLOWING
THE LINES OF ORNAMENT



PLAN THROUGH NECK OF SHAFT
LOOKING UP

PLAN THROUGH BASE OF SHAFT
LOOKING DOWN

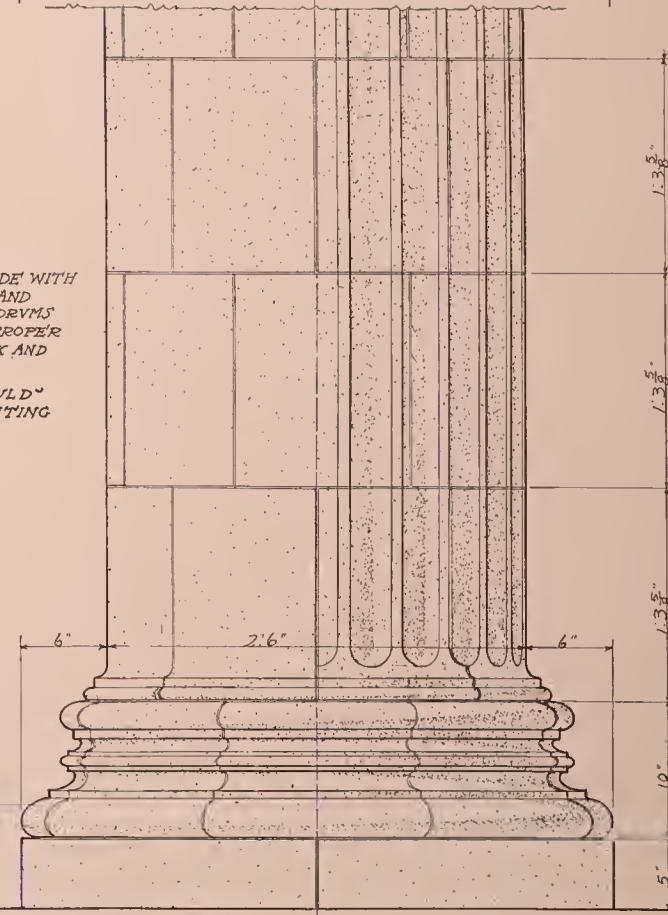


CORINTHIAN ORDER

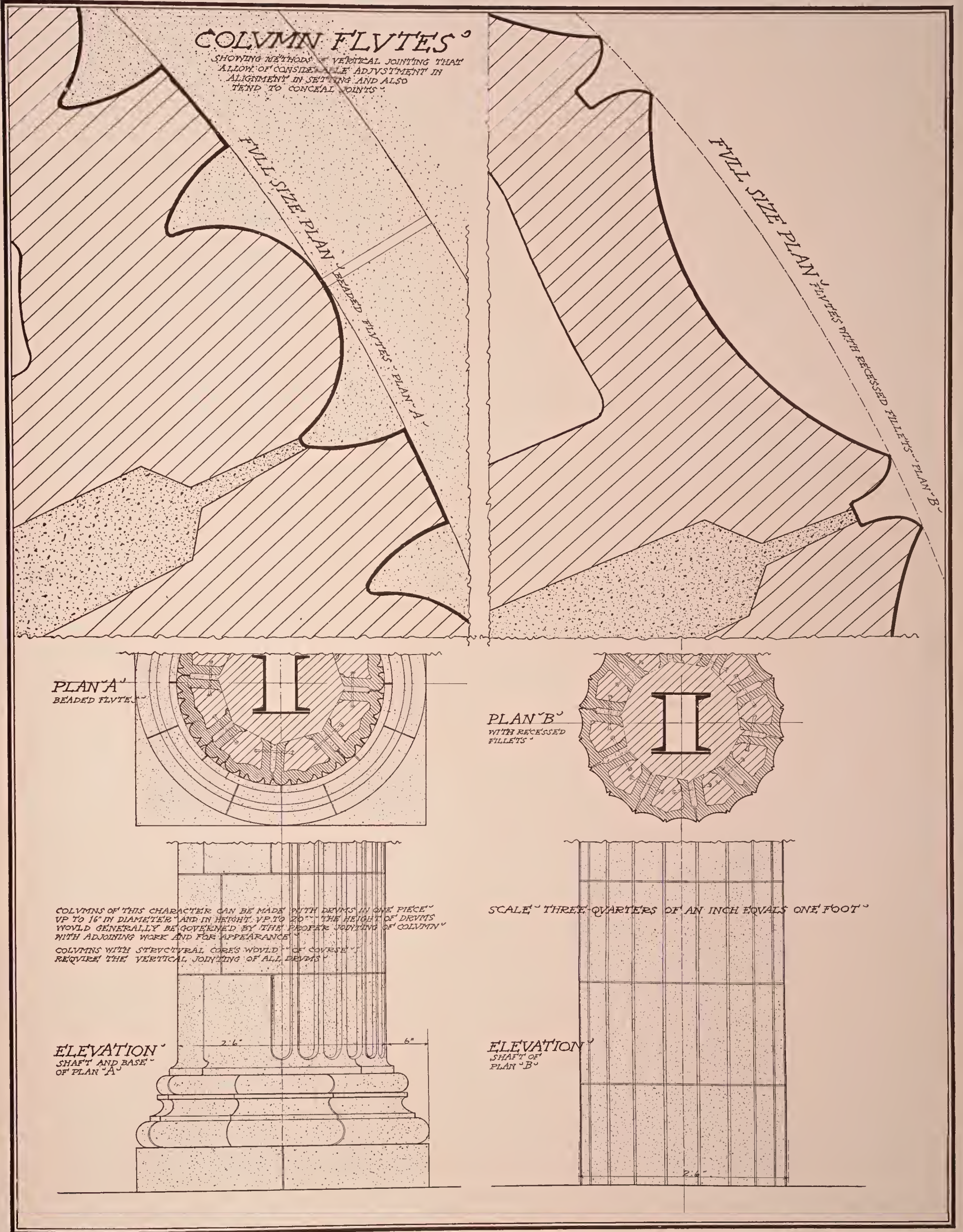
COLUMNS OF THIS CHARACTER CAN BE MADE WITH
DRUMS IN ONE PIECE UP TO 16" IN DIAMETER AND
WITH HEIGHT UP TO 20". THE HEIGHT OF DRUMS
WOULD GENERALLY BE GOVERNED BY THE PROPER
JOINTING OF COLUMN WITH ADJOINING WORK AND
FOR APPEARANCE

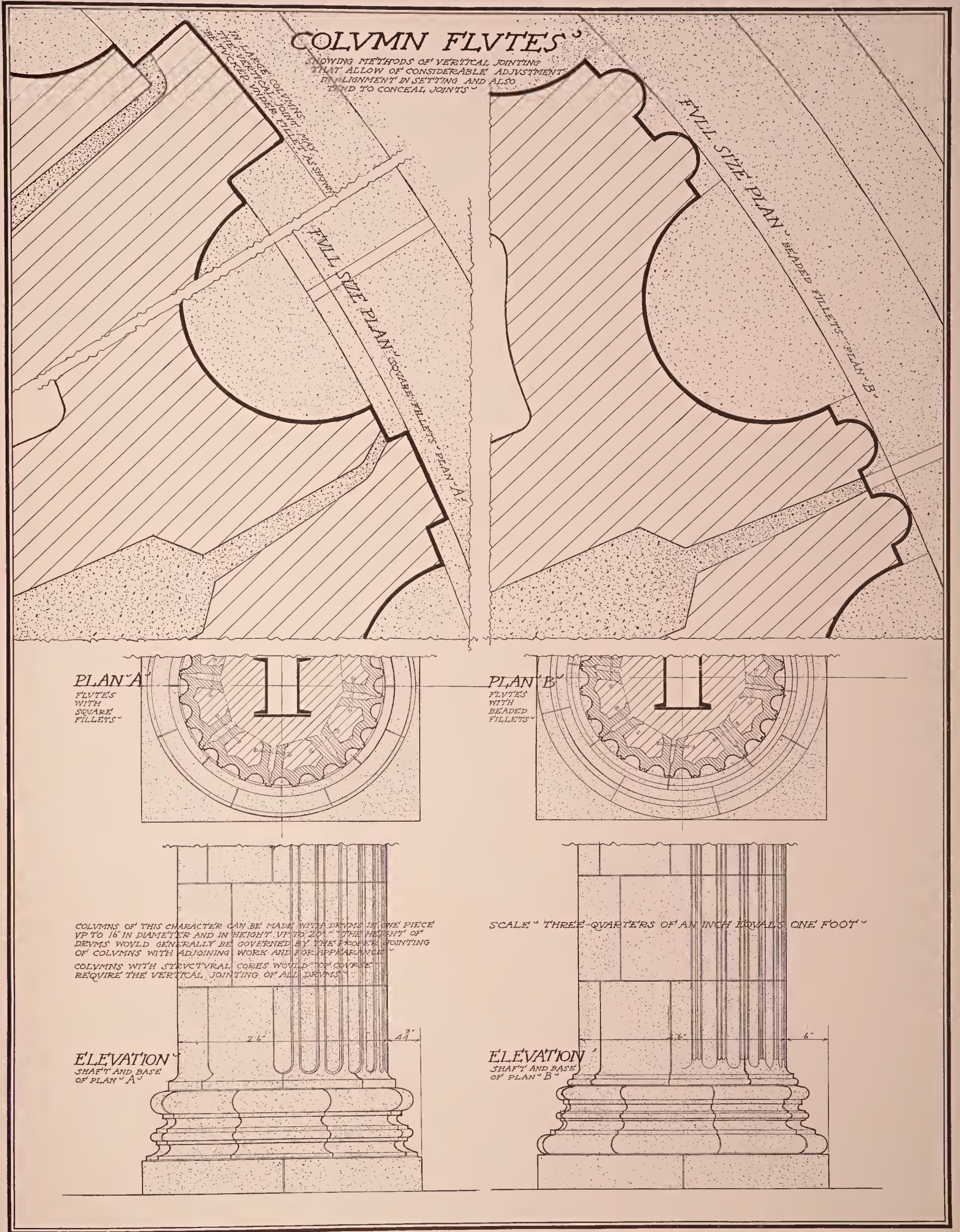
COLUMNS WITH STRUCTURAL CORES WOULD
OF COURSE REQUIRE THE VERTICAL JOINTING
OF DRUMS

ELEVATION OF BASE
SCALE THREE-QUARTERS OF AN INCH
EQUALS ONE FOOT

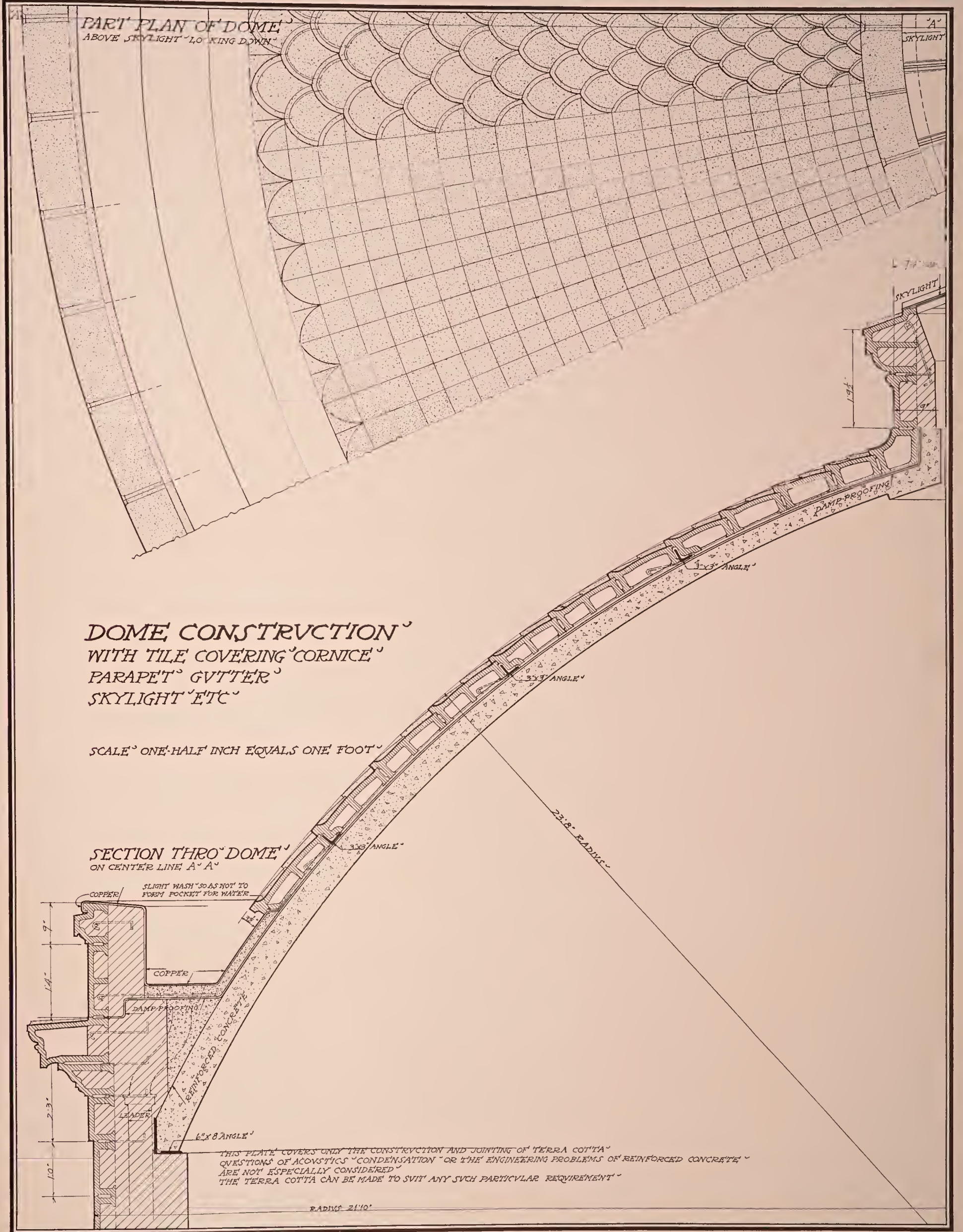


ARCHITECTURAL TERRA COTTA · · · STANDARD CONSTRUCTION

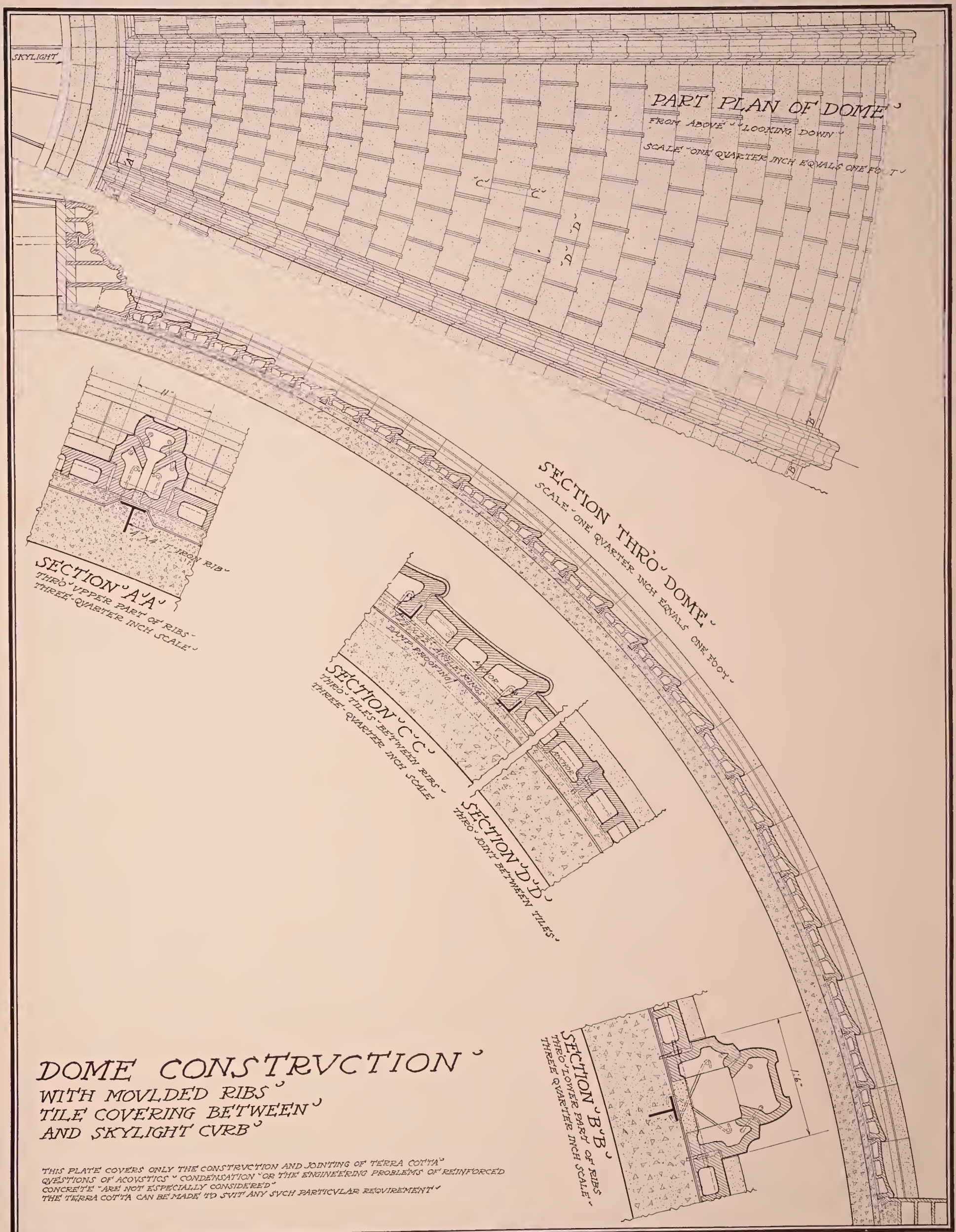




ARCHITECTURAL TERRA COTTA · · · STANDARD CONSTRUCTION



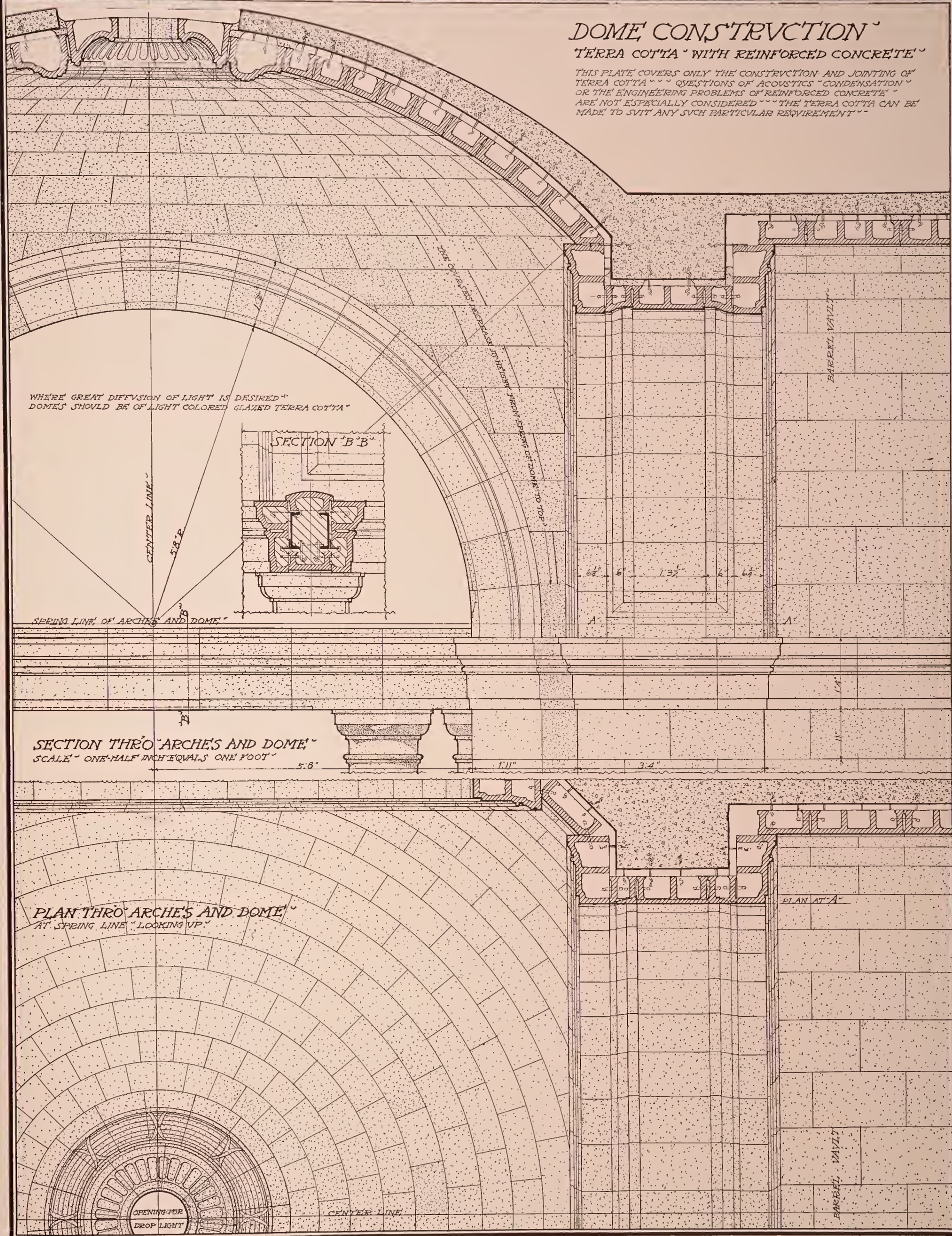
ARCHITECTURAL TERRA COTTA · · · STANDARD CONSTRUCTION



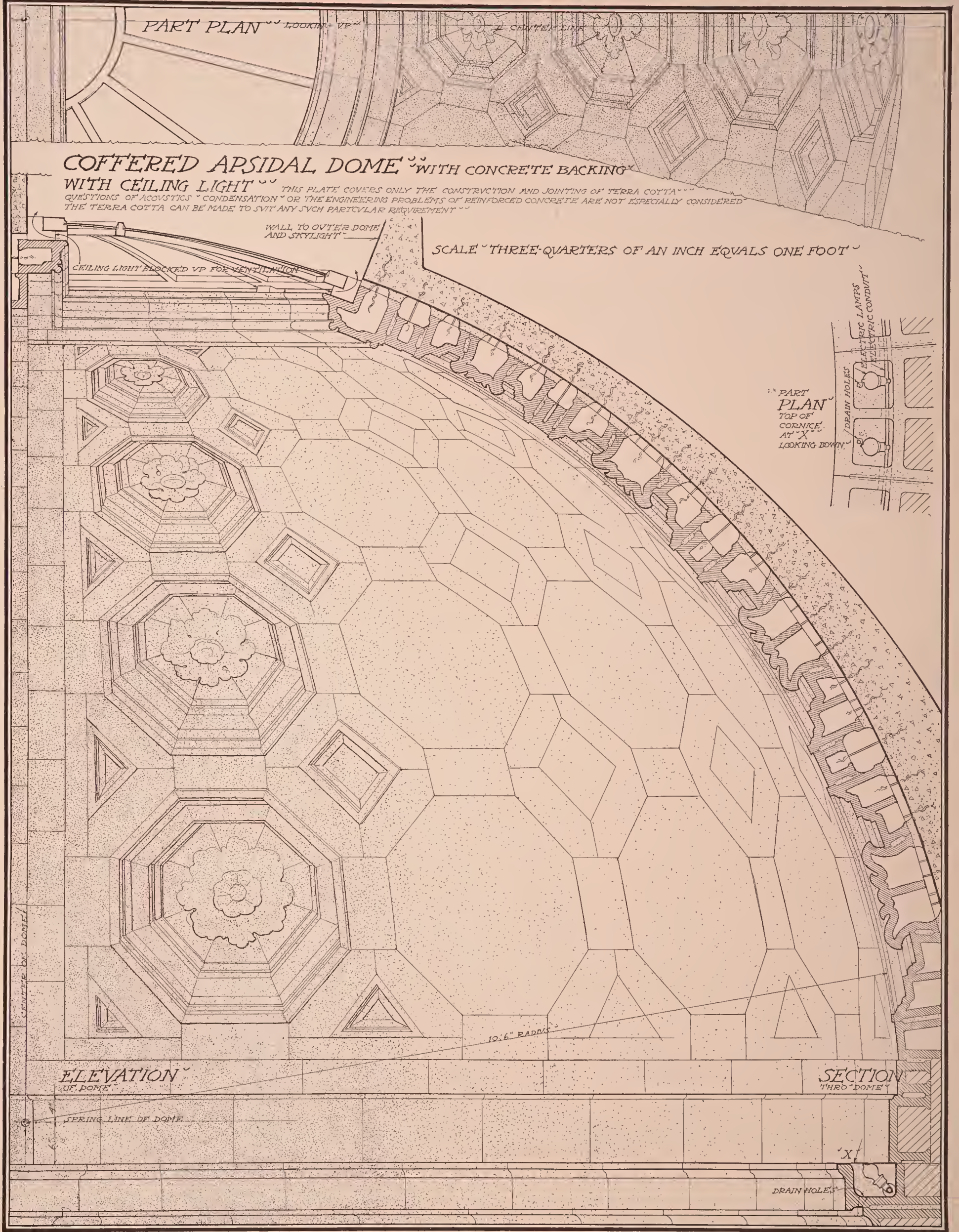
DOMES CONSTRUCTION

TERRA COTTA WITH REINFORCED CONCRETE

THIS PLATE COVERS ONLY THE CONSTRUCTION AND JOINTING OF TERRA COTTA · · · QUESTIONS OF ACOUSTICS · CONDENSATION · OR THE ENGINEERING PROBLEMS OF REINFORCED CONCRETE · ARE NOT ESPECIALLY CONSIDERED · · · THE TERRA COTTA CAN BE MADE TO SUIT ANY SUCH PARTICULAR REQUIREMENT · ·



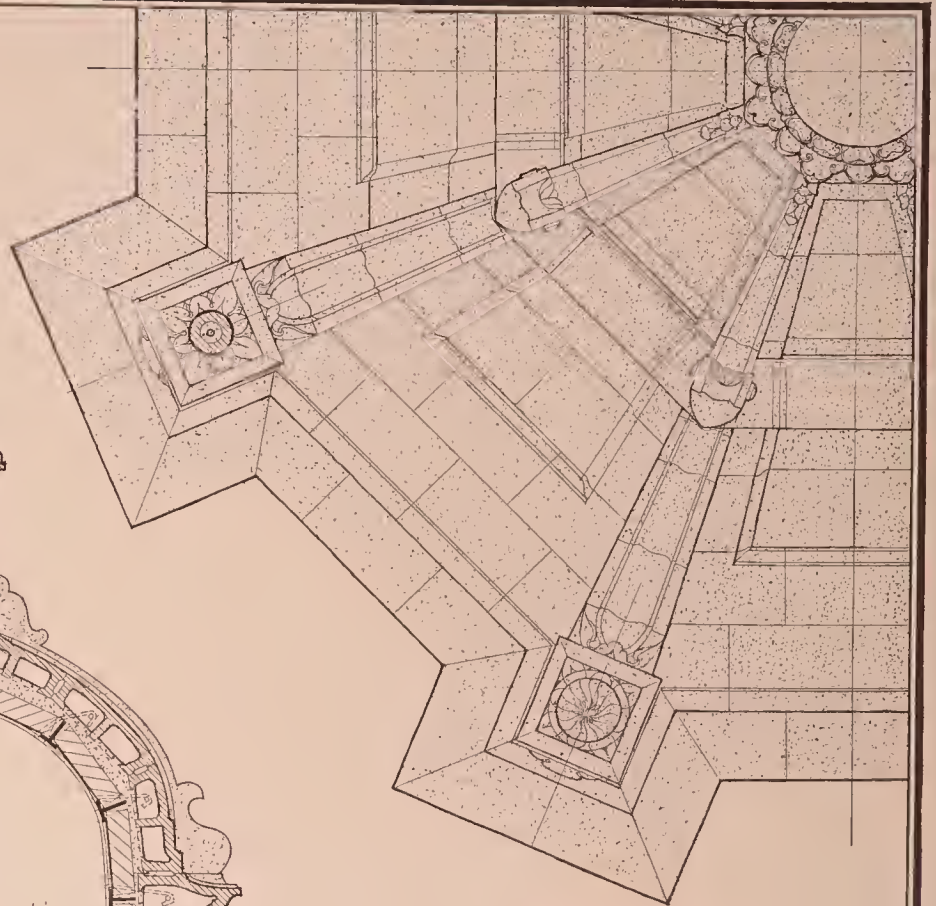
ARCHITECTURAL TERRA COTTA · · · STANDARD CONSTRUCTION



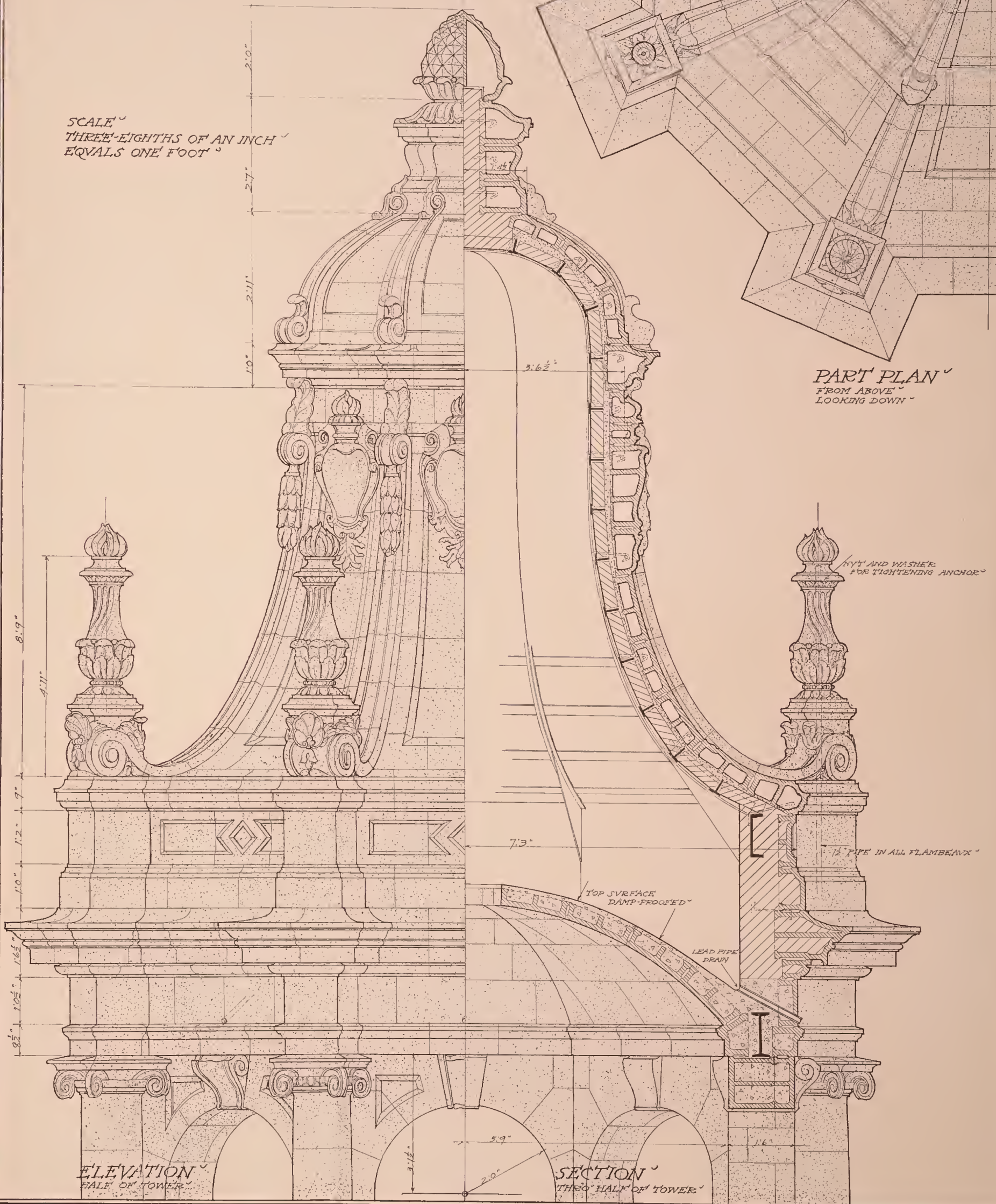
ARCHITECTURAL TERRA COTTA · · · STANDARD CONSTRUCTION

TOWER CONSTRUCTION
WITH CORNICE · FLAMBEAUX ·
CARTOVCHES · RIBS AND CROWN ·
SEE PLATE NO · 62 · FOR LOWER PORTION OF THIS TOWER ·

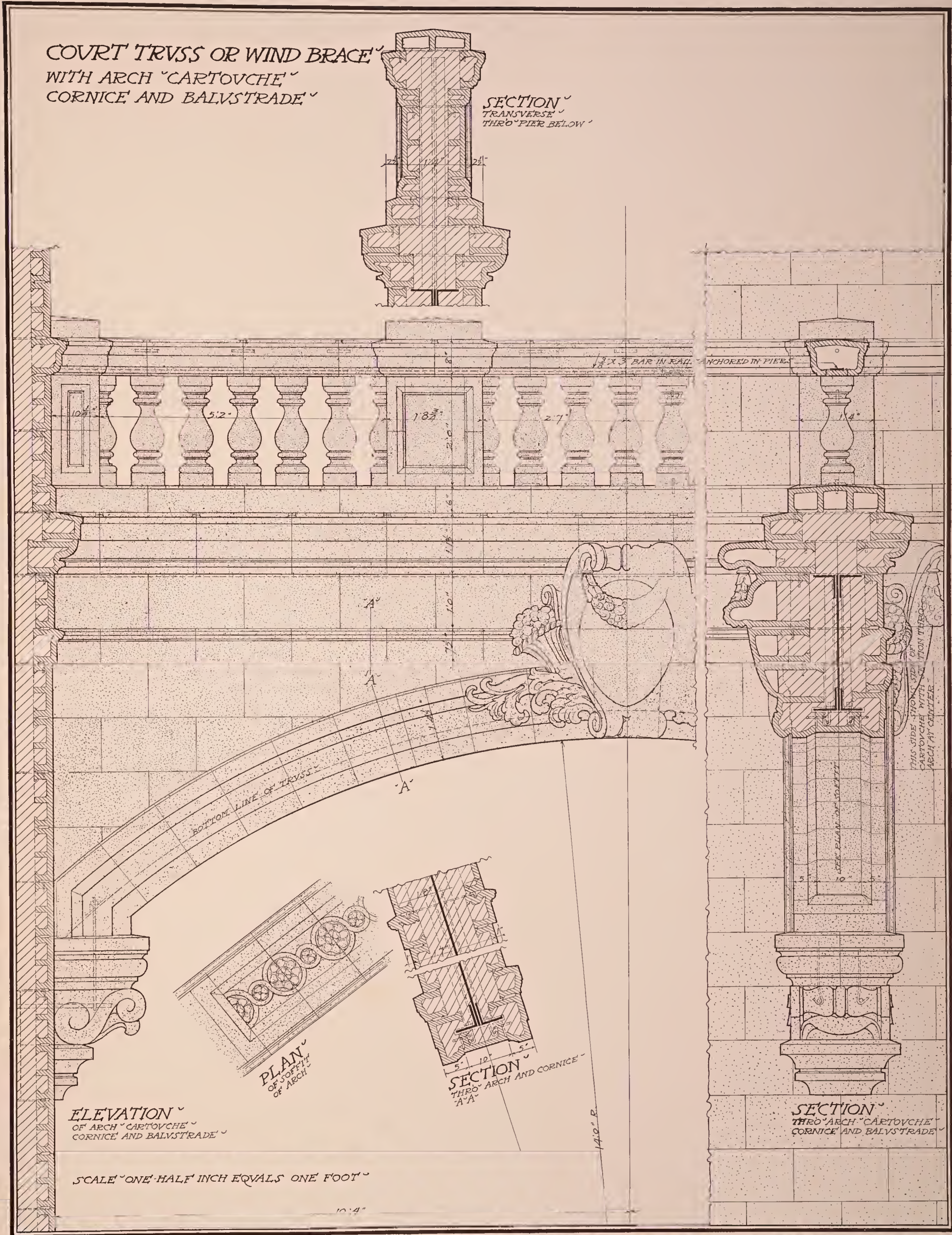
SCALE ·
THREE-EIGHTHS OF AN INCH ·
EQUALS ONE FOOT ·



PART PLAN ·
FROM ABOVE ·
LOOKING DOWN ·



ARCHITECTURAL TERRA COTTA · · · STANDARD CONSTRUCTION

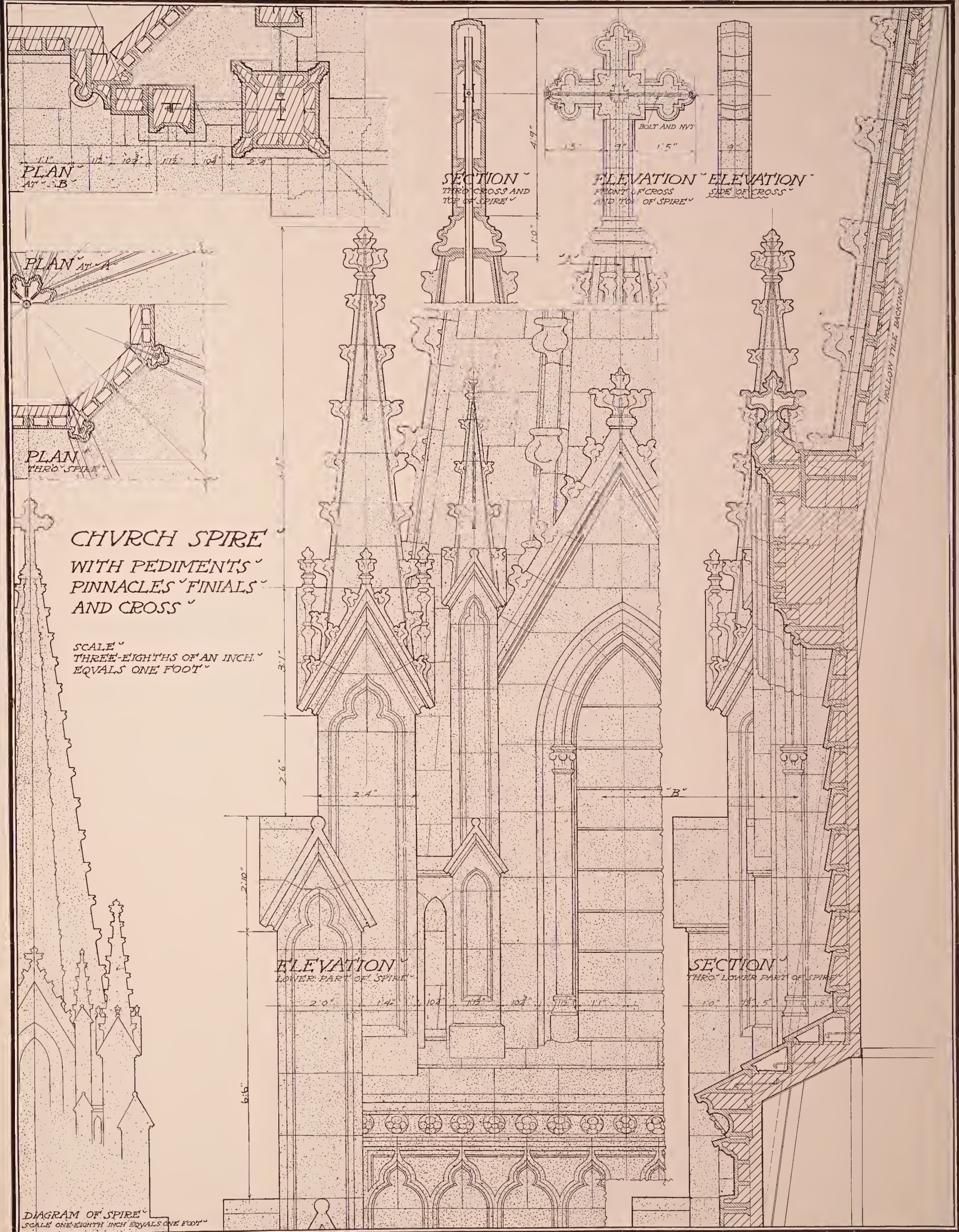


FLYING BUTTRESS
WITH PIERS, MILLIONS, PINNACLES AND FINIALS
SHOWING METHOD OF SUPPORT AND ANCHORAGE

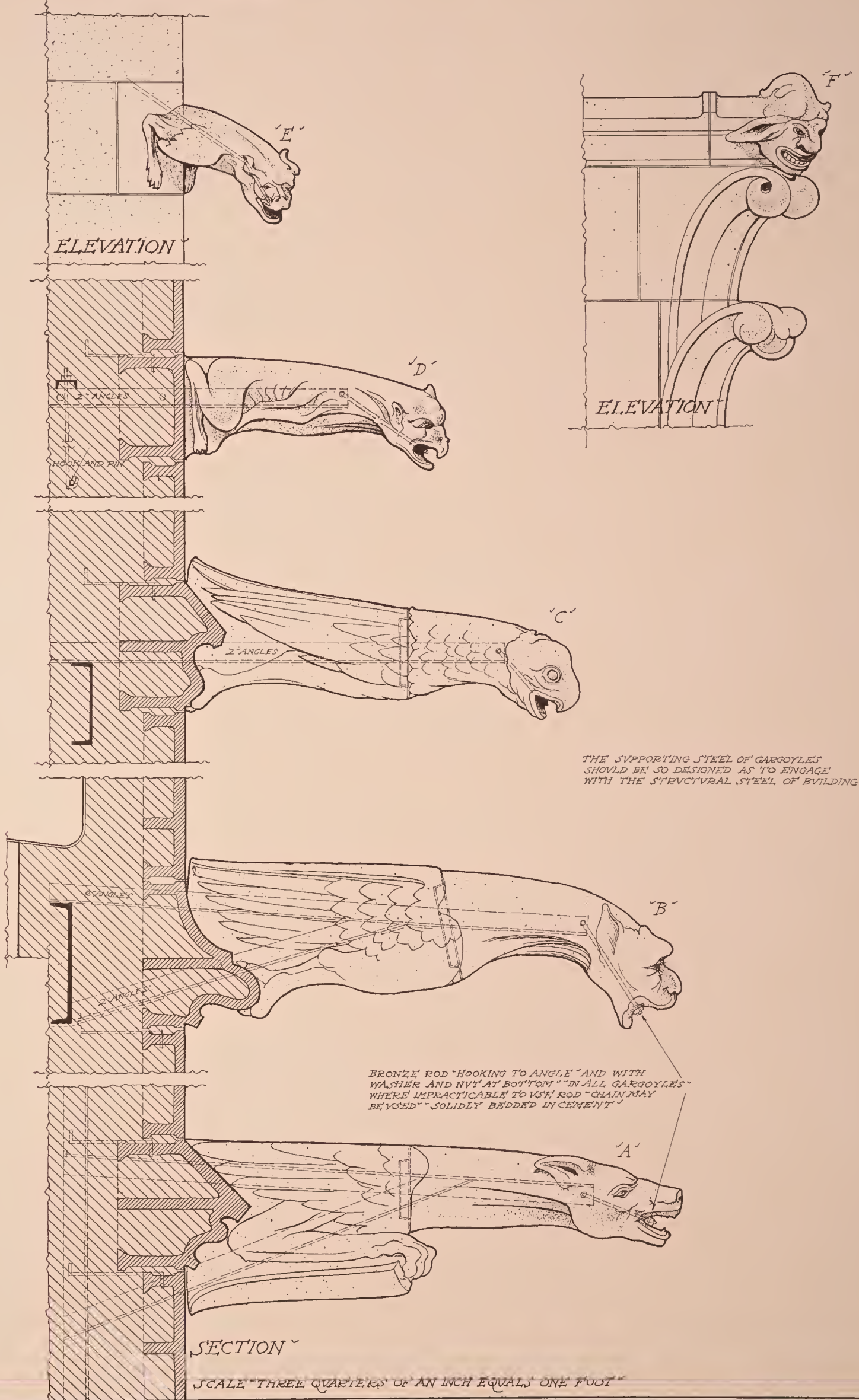
The drawing illustrates a flying buttress system with the following components and views:

- PLAN THRO' PIER AND MILLION AT A-A:** Shows the horizontal layout of the pier and million, with dimensions for the pier (6" x 6") and the million (8" x 8"). It includes a detail of the "NUT AND WASHER" and "WORK AND PIN" at the top of the pier.
- SECTION THRO' D-D:** Shows a vertical section of the buttress, with dimensions for the pier (10" x 11") and the million (10" x 11").
- ELEVATION SIDE OF BUTTRESS:** Shows the side view of the buttress, with dimensions for the pier (10" x 11") and the million (10" x 11").
- ELEVATION FRONT OF BUTTRESS:** Shows the front view of the buttress, with dimensions for the pier (10" x 11") and the million (10" x 11").
- SECTION THRO' BUTTRESS AT B-B:** Shows a vertical section of the buttress, with dimensions for the pier (10" x 11") and the million (10" x 11").
- PLAN THRO' PIER AND MILLION AT A-A:** Shows the horizontal layout of the pier and million, with dimensions for the pier (6" x 6") and the million (8" x 8").
- SECTION THRO' BUTTRESS AT B-B:** Shows a vertical section of the buttress, with dimensions for the pier (10" x 11") and the million (10" x 11").

SCALE: ONE HALF INCH EQUALS ONE FOOT



GARGOYLES

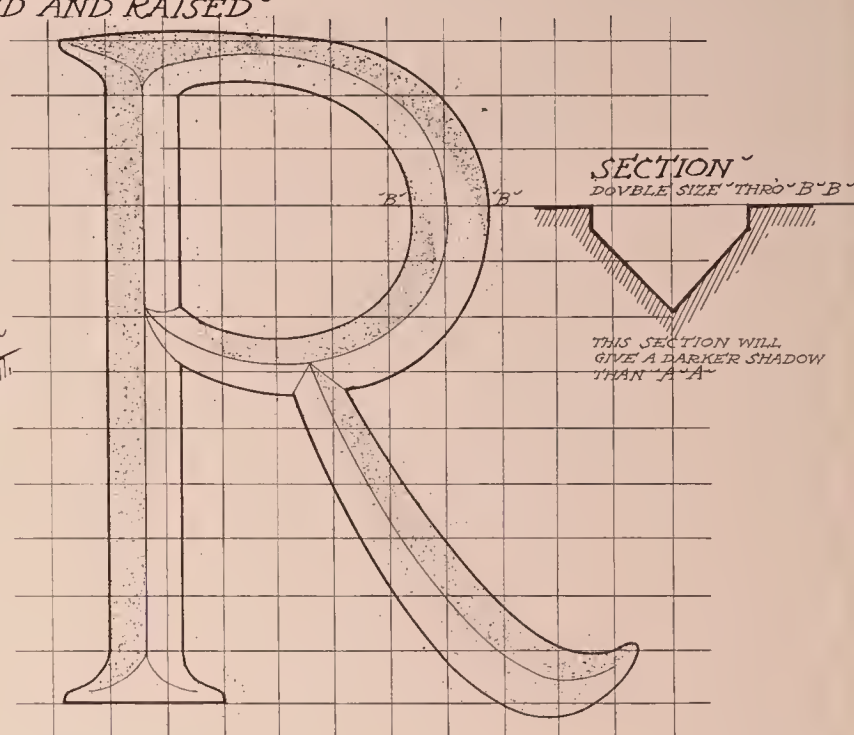
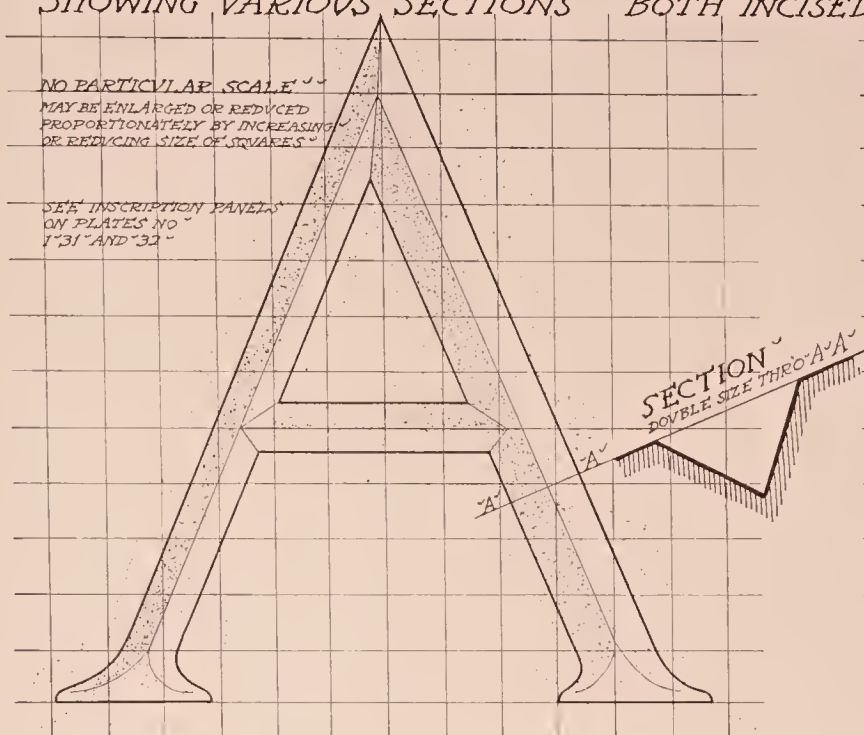


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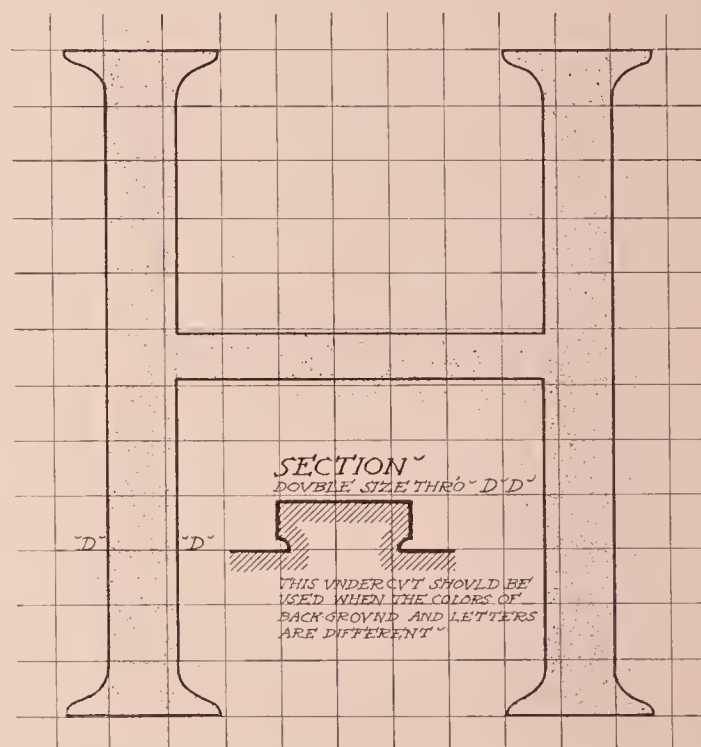
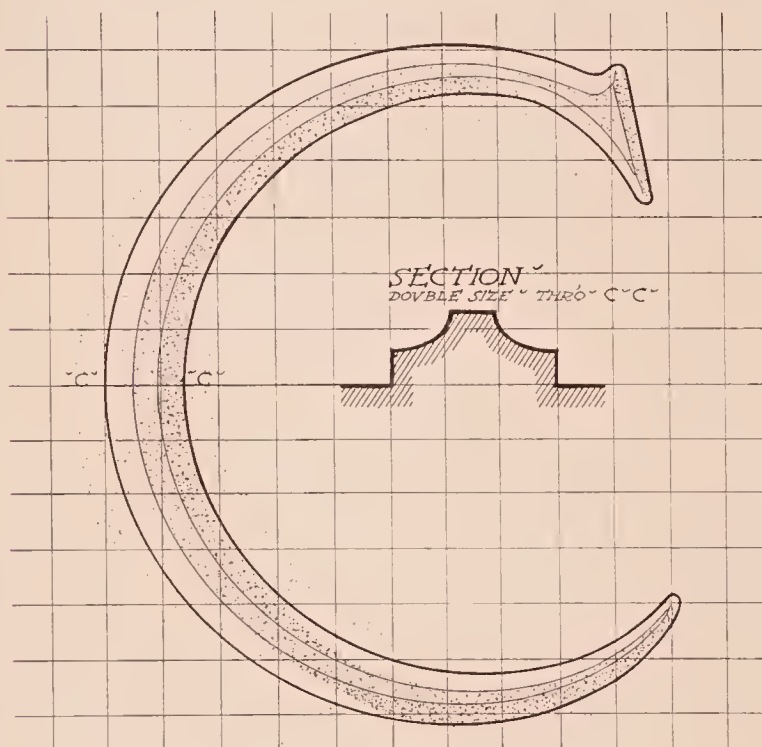
SHOWING VARIOUS SECTIONS · · BOTH INCISED AND RAISED ·

NO PARTICULAR SCALE ·
MAY BE ENLARGED OR REDUCED
PROPORTIONATELY BY INCREASING
OR REDUCING SIZE OF SQUARES ·

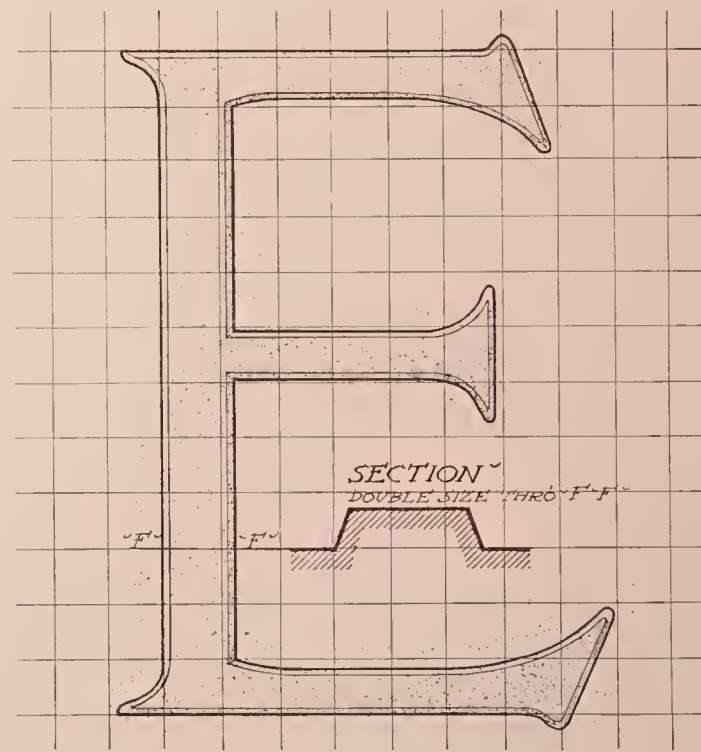
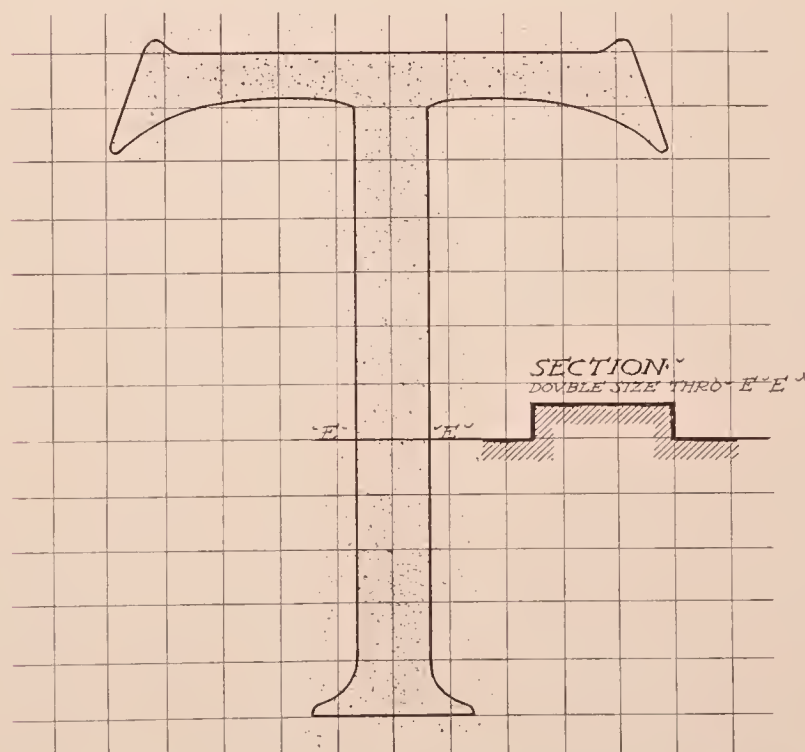
SEE INSCRIPTION PANELS
ON PLATES NO ·
1 · 31 · AND · 32 ·



THIS SECTION WILL
GIVE A DARKER SHADOW
THAN 'A-A'



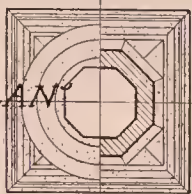
THIS UNDERCUT SHOULD BE
USED WHEN THE COLORS OF
BACKGROUND AND LETTERS
ARE DIFFERENT ·



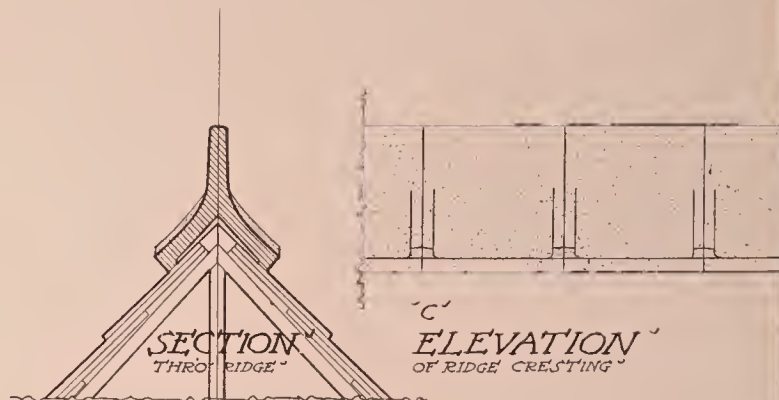
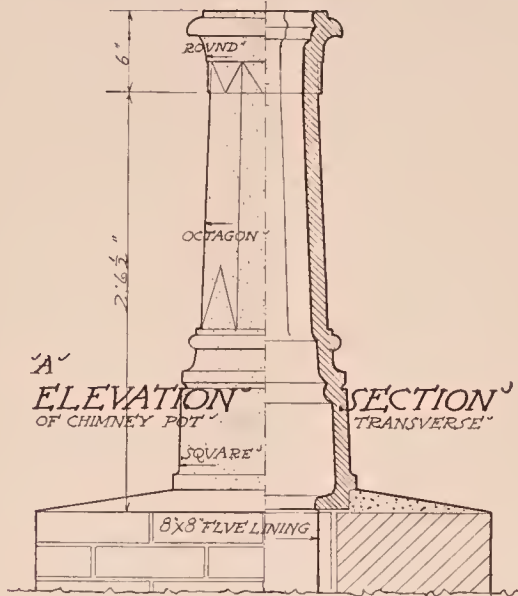
ARCHITECTURAL TERRA COTTA · · · STANDARD CONSTRUCTION

CHIMNEY POTS · COPING AND RIDGE CRESTING

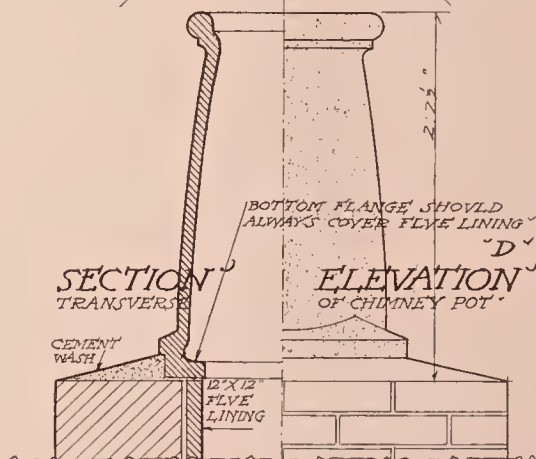
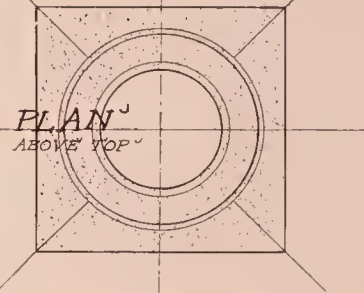
PLAN



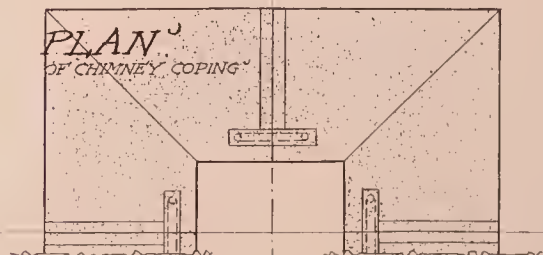
SCALE · THREE-QUARTERS OF AN INCH EQUALS ONE FOOT ·



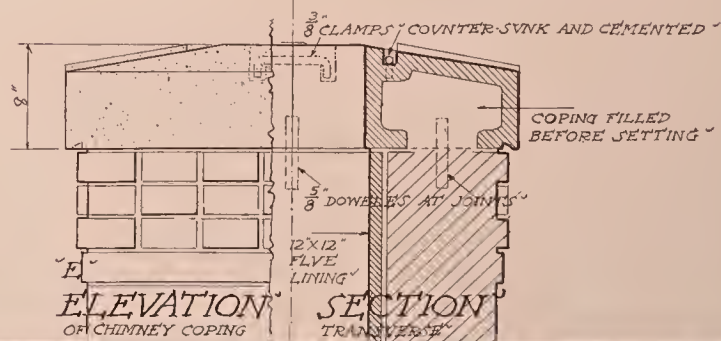
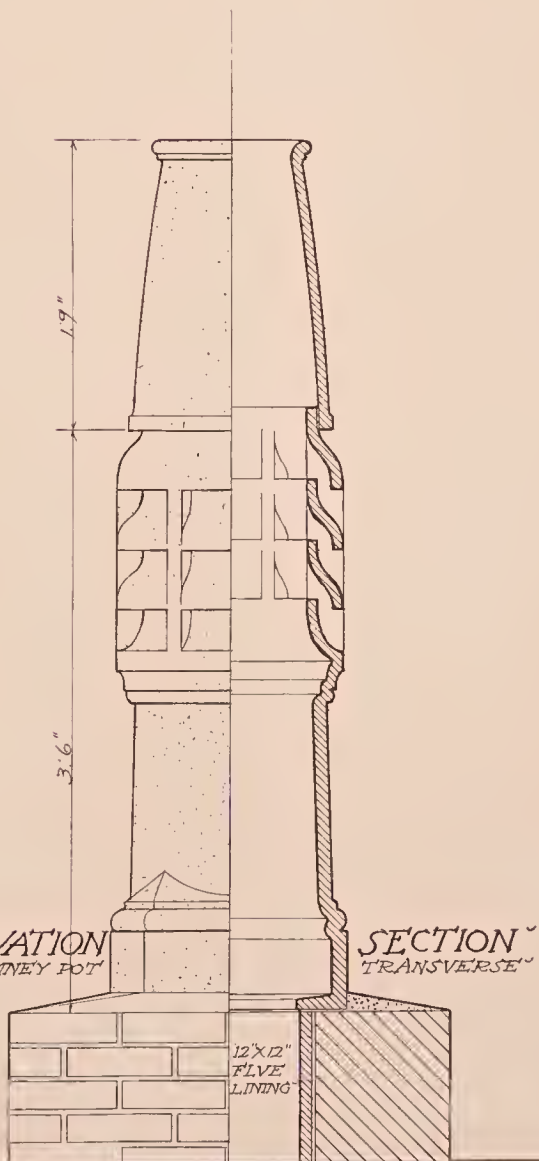
PLAN
ABOVE TOP



PLAN
OF CHIMNEY COPING



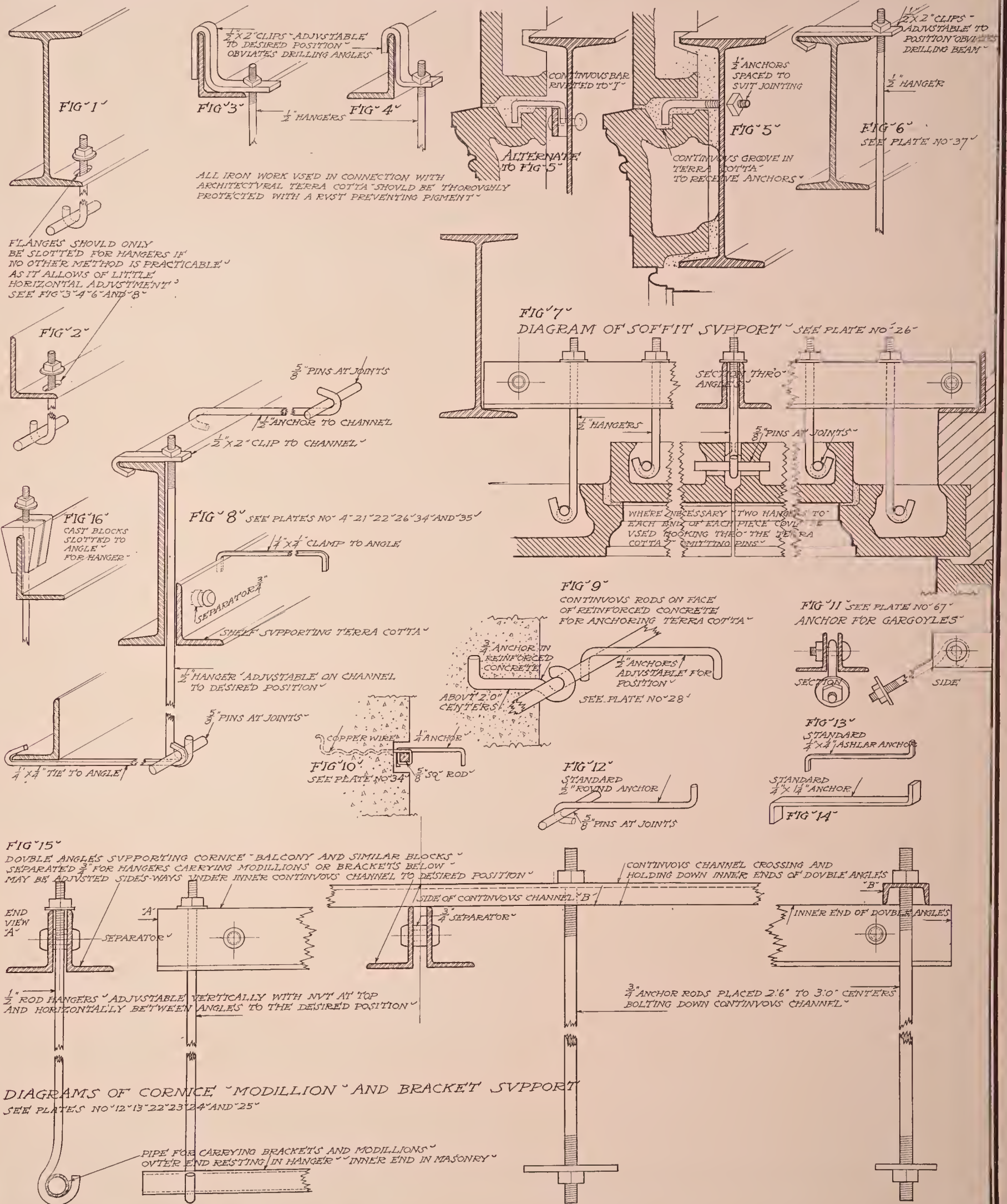
B
ELEVATION
OF CHIMNEY POT



ARCHITECTURAL TERRA COTTA · · · STANDARD CONSTRUCTION

DETAILS OF IRON ANCHORS · HANGERS · STRAPS · CLIPS · ETC · USED IN SETTING ARCHITECTURAL TERRA COTTA

STRUCTURAL STEEL WHEN ERECTED FREQUENTLY VARIES FROM EXACT FIGURED DIMENSIONS · · · FOR THIS REASON ALL SUPPORTS FOR TERRA COTTA INCLUDING ANGLES · RODS · ANCHORS · ETC · SHOULD BE DESIGNED SO AS TO PERMIT OF EASY ADJUSTMENT TO THE REASONABLE REQUIREMENTS OF CONSTRUCTION WHEN THE MATERIAL IS BEING SET



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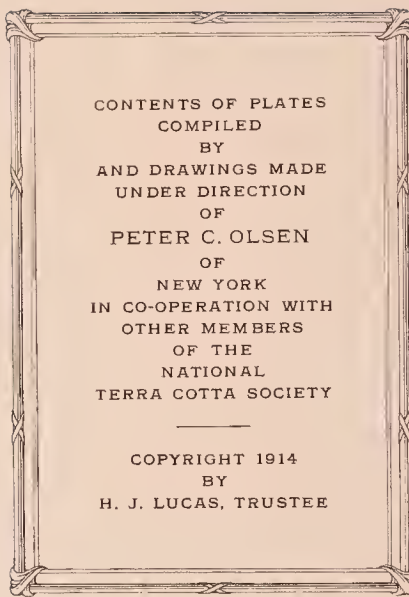
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